As filed with the Securities and Exchange Commission on June 2, 2004

Registration No. 333-113446

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

AMENDMENT NO.3

TO

FORM S-1

REGISTRATION STATEMENT

UNDER

THE SECURITIES ACT OF 1933

SEITEL, INC.

(Exact name of Registrant as Specified in Its charter)

Delaware (State or Other Jurisdiction of

Incorporation or Organization)

1382

76-0025431

(Primary Standard Industrial

Classification Code Number)

(I.R.S. Employer Identification Number)

Seitel, Inc.

10811 South Westview Circle Drive

Suite 100, Building C

Houston, Texas 77043

(713) 881-8900

(Address, Including Zip Code, and Telephone Number, Including Area Code, of Registrant s Principal Executive Offices)

Randall D. Stilley

President and Chief Executive Officer

Seitel, Inc.

10811 South Westview Circle Drive

Suite 100, Building C

Houston, Texas 77043

(713) 881-8900

(Name, Address, Including Zip Code, and Telephone Number, Including Area Code, of Agent For Service)

Copy to:

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The MetLife Building

200 Park Avenue

New York, New York 10166

(212) 801-9200

Approximate date of commencement of proposed sale to the public: As soon as practicable after the effective date of this registration statement.

If any of the securities being registered on this form are to be offered on a delayed or continuous basis pursuant to Rule 415 under the Securities Act of 1933, as amended, check the following box. x

If this Form is filed to register additional securities for an offering pursuant to Rule 462(b) under the Securities Act, check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering.

If this Form is a post-effective amendment filed pursuant to Rule 462(c) under the Securities Act, check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering.

If this Form is a post-effective amendment filed pursuant to Rule 462(d) under the Securities Act, check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering.

If delivery of this prospectus is expected to be made pursuant to Rule 434, please check the following box. "_____

CALCULATION OF REGISTRATION FEE

Title of Each Class of Securities to be Registered	Amount to be Registered	d Maximum rice per Share	posed Maximum gate Offering Price	 mount of stration Fee
Common Stock, \$0.01 par value per share	125,000,000(1)	\$ 0.60(2)	\$ 75,000,000.00(2)	\$ 9,502.50
Stockholder Warrants	25,375,683(3)			(4

Total

- (1) Represents the maximum number of shares of common stock, \$0.01 par value (Reorganized Common Stock), of Seitel, Inc., a Delaware corporation (the Registrant), offered and sold from the combination of (x) the exercise of warrants (the Stockholder Warrants) issued to the Registrant s stockholders on the effective date of the Registrant s Third Amended Joint Plan of Reorganization (the Plan of Reorganization) under chapter 11 of the United States Bankruptcy Code and (y) to the extent the Stockholder Warrants are not exercised, in full, before they expire on the 30th day after the effective date of the Plan of Reorganization, all shares of Reorganized Common Stock sold to Mellon HBV Alternative Strategies LLC (Mellon HBV), in its capacity as standby purchaser, which are not sold by the Registrant upon the exercise of the Stockholder Warrants. In all cases, the aggregate number of shares of Reorganized Common Stock included in this Registration Statement will not exceed 125,000,000.
- (2) Pursuant to Rule 457(g) under the Securities Act of 1933, as amended (the Securities Act), the maximum offering price per share and the maximum aggregate offering price are based on the per share exercise price of the Stockholder Warrants and the per share price at which shares of Reorganized Common Stock, if any, will be sold to Mellon HBV standby purchasers.
- (3) Represents the maximum number of Stockholder Warrants to be issued to the Registrant s stockholders on the effective date of the Plan of Reorganization.
- (4) Pursuant to Rule 457(g) under the Securities Act, no separate registration fee is required with respect to the Stockholder Warrants, as they are being registered on the same registration statement as the shares of Reorganized Common Stock issuable upon exercise thereof.
- (5) The registration fee was paid in connection with the original filing of this registration statement on March 10, 2004.

The Registrant hereby amends this registration statement on such date or dates as may be necessary to delay its effective date until the Registrant shall file a further amendment which specifically states that this registration statement shall thereafter become effective in accordance with Section 8(a) of the Securities Act, or until this registration statement shall become effective on such date as the Securities and Exchange Commission, acting pursuant to said Section 8(a), may determine.

The information in this prospectus is not complete and may be changed. We may not sell these securities until the registration statement filed with the Securities and Exchange Commission is effective. This prospectus is not an offer to sell these securities and it is not soliciting an offer to buy these securities in any jurisdiction where the offer or sale is not permitted.

SUBJECT TO COMPLETION, DATED JUNE 2, 2004

PROSPECTUS

25,375,683 Warrants

to Purchase Common Stock

125,000,000 Shares of Common Stock

This prospectus relates to the offer and sale of 25,375,683 warrants to purchase shares of our reorganized common stock. This prospectus also relates to the offer and sale of an aggregate of 125,000,000 shares of our reorganized common stock issuable upon the exercise of the warrants and, to the extent the warrants are not exercised, in full, before they expire on July [__], 2004, our sale to Mellon HBV Alternative Strategies LLC of shares of our reorganized common stock as described below. The warrants will be issued by us on the effective date of and as required by our plan of reorganization under chapter 11 of the U.S. bankruptcy code to holders of record of our common stock as of June [_], 2004. Each warrant will represent the right to purchase 4.926 shares of our reorganized common stock, at an exercise price of 60 cents per share. The warrants will be exercisable for only 30 days and will expire at 5:00 p.m., New York City time, on July [_], 2004. If the warrants are exercised in full, we will receive \$75 million in cash, before deducting expenses of this offering payable by us which are estimated to be approximately \$2.9 million.

Mellon HBV, for itself and on behalf of certain of its affiliated funds and managed accounts, has agreed to act as a standby purchaser and in that capacity to purchase directly from us, after the warrants expire on July [____], 2004 but on or prior to July 27, 2004, at 60 cents per share, all shares of our reorganized common stock not sold by us upon the exercise of the warrants. Accordingly, even if the warrants are not exercised in full before they expire, we are assured to receive \$75 million in cash proceeds, before deducting the expenses of this offering.

In all cases, the maximum number of shares of our reorganized common stock offered by this prospectus will not exceed 125,000,000. The entire net proceeds from the sale of our reorganized common stock offered by this prospectus will be used to partially fund the payment of allowed creditors claims required under our plan of reorganization. See Use of Proceeds.

We do not intend at this time to apply to list either our reorganized common stock or the warrants on any national securities exchange or U.S. inter-dealer quotation system. The warrants will be transferable until they expire on July [____], 2004. We will cooperate with any registered broker-dealer if they seek to initiate price quotations for our reorganized common stock and/or warrants on the OTC Bulletin Board. Our common stock currently is quoted on the OTC Bulletin Board under the symbol SEIEQ . On June 1, 2004, the closing bid price of our common stock on the OTC Bulletin Board was \$3.65 per share.

Investing in our reorganized common stock involves considerable risks. See <u>Risk Factors</u>, beginning on page 12, to read about the factors you should consider carefully prior to making any decision to invest in our reorganized common stock.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities or passed upon the accuracy or adequacy of this prospectus. Any representation to the contrary is a criminal offense. The information in this prospectus is not complete and may be changed.

The date of this prospectus is June , 2004.

If it is against the law in any state or other jurisdiction to make an offer to sell the securities, or to solicit an offer from someone to buy the securities, then this prospectus does not apply to any person in that state or other jurisdiction, and no offer or solicitation is made by this prospectus to any such person.

You should rely only on the information contained in this prospectus or any supplement. We have not authorized anyone to provide you with different information. You should not assume that the information in this prospectus or any supplement is accurate as of any date other than the date on the front of such documents.

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QUESTIONS AND ANSWERS ABOUT THIS OFFERING

We urge you to read this prospectus very carefully and in its entirety. The following is intended to address certain questions you may have, all of which are discussed more fully in this prospectus.

1. Q. Have we completed our reorganization under chapter 11 of the Bankruptcy Code?

A. No. On March 18, 2004, our plan of reorganization was confirmed by the bankruptcy court, and on June [], 2004 it will become effective. Our plan of reorganization provides for an interdependent sequence of corporate and securities transactions, including this offering. See The Plan of Reorganization at page 30.

2. Q. Why has this prospectus been sent to me?

A. We have sent this prospectus to you because you were a holder of our common stock on June [], 2004. On the effective date of our plan of reorganization, we will issue and distribute to each holder of our common stock as of June [], 2004, in exchange for each share of common stock then held, one share of our reorganized common stock and one warrant to purchase 4.926 shares of reorganized common stock, at an exercise price of 60 cents per share (a Stockholder Warrant). This prospectus provides you with important information you should consider prior to exercising your Stockholder Warrants.

3. Q. How many Stockholder Warrants will I receive?

A. You will receive one Stockholder Warrant for each share of our common stock that you owned on June [], 2004. When issued, each Stockholder Warrant will entitle you to purchase 4.926 shares of reorganized common stock at 60 cents per share. If you exercise all of your Stockholder Warrants, you will retain the same percentage equity ownership you had in our company immediately prior to the effective date of our plan of reorganization. Please see Summary at page 1, Description of Stockholder Warrants at page 22, The Plan of Reorganization at page 30 and Dilution at page 48.

4. Q. What will be the exercise price of the Stockholder Warrants?

A. 60 cents per share.

5. Q. When will my Stockholder Warrants expire?

A. The Stockholder Warrants will be exercisable in whole or in part until 5:00 p.m., New York City time, on July [], 2004, at which time all unexercised Stockholder Warrants will expire.

6. Q. What happens if I do not exercise my Stockholder Warrants?

A. If you do not exercise any of your Stockholder Warrants, you will own the same number of shares that you owned immediately prior to the effective date of our plan of reorganization, however your percentage equity ownership in our company will be diluted by up to 83.13%. This is so because 125,000,000 additional shares of reorganized common stock either will be issued upon exercise of the Stockholder Warrants, or will be purchased by standby purchasers directly from us following the expiration of the Stockholder

Warrants, or any combination thereof. If you exercise some, but not all, of your Stockholder Warrants, your percentage ownership of our reorganized common stock will be diluted directly in proportion to the extent you do not exercise your Stockholder Warrants in full. Accordingly, for you to retain the equity percentage you owned in our company immediately prior to the effective date of our plan of reorganization, you must exercise all of your Stockholder Warrants. See The Standby Purchase Guaranty at page 27 and Dilution at page 48.

- 7. Q. Will my percentage ownership of reorganized common stock be diluted by any other known issuance of reorganized common stock?
 - A. Your percentage ownership of reorganized common stock will be further diluted if the standby purchasers elect to exercise certain warrants (which constitute an entirely separate class of securities from and are unrelated to the Stockholder Warrants covered by this prospectus) to purchase up to 15,037,568 shares of reorganized common stock, which will be issued to them by us as compensation for their standby purchase obligation. We have also been authorized to issue up to 8,270,662 shares of reorganized common stock, representing approximately 5% of the reorganized common stock on a fully diluted basis, in accordance with our 2004 omnibus stock option plan.

8. Q. Will the reorganized common stock or the Stockholder Warrants be listed for trading on any national securities exchange or U.S. inter-dealer quotation system?

A. No. We do not intend at this time to apply to list either our reorganized common stock or the Stockholder Warrants for trading on any national securities exchange or U.S. inter-dealer quotation system. We will cooperate with any registered broker-dealer who may seek to initiate price quotations for our reorganized common stock and the Stockholder Warrants on the OTC Bulletin Board. Trading of our reorganized common stock or the Stockholder Warrants on the OTC Bulletin Board will depend upon whether registered broker-dealers initiate trading in those securities.

9. Q. Who do I contact if I have a question about my Stockholder Warrants?

A. We have hired American Stock Transfer & Trust Company as our Warrant Agent. All questions concerning the transfer or exercise of your Stockholder Warrants should be directed as follows:

American Stock Transfer & Trust Company

59 Maiden Lane

New York, New York 10038

Telephone: (718) 921-8200

Attention: Shareholders Services Department

10. Q. Are there any conditions to exercising my Stockholder Warrants?

A. No. The exercise of your Stockholder Warrants is not subject to any conditions.

11. Q. Will I be charged a commission or fee if I exercise my Stockholder Warrants?

A. No. You will not be charged any fee or commission by Reorganized Seitel for exercising your Stockholder Warrants. However, if you exercise your Stockholder Warrants through a broker or custodian, you will be responsible for any fee which they may charge you.

12. Q. What must I do if I want to transfer my Stockholder Warrants?

A. If your Stockholder Warrants are registered in your name, you can transfer them by presenting or surrendering your Stockholder Warrants for transfer to our Warrant Agent, duly endorsed with signature guaranteed, together with a written instruction for transfer.

If your Stockholder Warrants are not registered in your name, but instead are held in the name of your broker or other custodian, a transfer can be made upon receipt by the Warrant Agent of written instructions or other form of instructions from your broker or other custodian who is the registered holder of such Stockholder Warrants. See How You May Transfer or Exchange Your Stockholder Warrants at page 24.

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13. Q. What do I have to do to exercise my Stockholder Warrants?

A. Stockholder Warrants can be exercised by surrendering to the Warrant Agent:

your Stockholder Warrant certificate,

a properly completed and signed form of Election to Purchase, with any required signature guaranty, and

payment by cash, certified check, official bank check or wire transfer of the aggregate exercise price for the number of shares of reorganized common stock for which your warrants are exercised. See Description of Stockholder Warrants at page 22.

14. Q. Will I receive a fractional share or a cash settlement in lieu of a fractional share?

A. No. We will not issue any fractional shares of reorganized common stock upon exercise of Stockholder Warrants. If any fraction of a share of reorganized common stock would otherwise be issuable upon exercise of any Stockholder Warrants, we will round down to the nearest whole number the number of shares of reorganized common stock to be issued, and all fractional shares will be cancelled without any payment in lieu thereof.

15. Q. What should I do if I want to exercise my Stockholder Warrants, but my shares are held in the name of my broker or a custodian bank?

A. If you hold shares of our common stock through a broker, dealer or other nominee and you wish to exercise your Stockholder Warrants, you will need to have your broker, dealer or nominee act for you. To indicate your decision to exercise your Stockholder Warrants, you should complete and return to your broker, dealer or nominee the form entitled Beneficial Owner Election Form, together with your check for the exercise price of the Stockholder Warrants you wish to exercise. You should receive this form from your broker, dealer or nominee with the other offering materials.

16. Q. If I exercise Stockholder Warrants in this offering, may I cancel or change my decision?

A. No, your decision to exercise is irrevocable. After you exercise your Stockholder Warrants, you will not be able to cancel or revoke your decision.

17. Q. Is participation in this offering recommended?

A. We and the Warrant Agent are not making any recommendations as to whether you should exercise your Stockholder Warrants. You should decide whether to exercise your Stockholder Warrants based on your own assessment of your best interests and, accordingly, we urge you to consult with your own financial, tax and legal advisors.

18. Q. How much will we receive as a result of this offering and how do we intend to use such proceeds?

A. Because this offering is fully guaranteed, we will receive proceeds of \$75 million before the deduction of certain expenses of this offering payable by us. We will use all of the net proceeds of this offering to partially fund payments of allowed creditors claims required under our plan of reorganization.

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19. Q. Are there any risks I should consider before I decide whether to exercise my Stockholder Warrants?

A. Yes. Please see Risk Factors, beginning on page 12, to read about the important factors you should consider carefully prior to making any decision to invest in our reorganized common stock.

(iv)

SUMMARY

This summary highlights important information contained in this prospectus. This summary does not contain all of the important information that you should consider before deciding whether to invest in our company. You should read this entire prospectus carefully, including the section titled Risk Factors and the financial data and related notes, before making an investment decision. Industry information used in this prospectus was obtained from industry sources that we believe to be reliable, but such information has not been independently verified and we assume no responsibility for the accuracy thereof and undertake no obligation to update such information.

Unless otherwise expressly set forth herein and as the context otherwise requires:

The phrase Reorganized Seitel as used in this prospectus refers to Seitel, Inc. and its consolidated subsidiaries, on and after the effective date of its Third Amended Joint Plan of Reorganization, confirmed by order of the U.S. bankruptcy court on March 18, 2004 (the Plan), and Seitel refers to Seitel, Inc. and its consolidated subsidiaries prior to the effective date of the Plan. One of the conditions precedent to the effectiveness of the Plan is that the registration statement, of which this prospectus is a part, be declared effective by the SEC.

As used throughout this prospectus, the Guaranty Performance Date presently is anticipated to occur on July 27, 2004, and the effective date of the Plan presently is anticipated to occur on or about June 24, 2004. Certain financial data and capitalization information in this prospectus give effect to the payment on July 27, 2004 of allowed creditors claims required under the Plan.

The unaudited pro forma consolidated financial data contained in this prospectus have been prepared to give effect to the Plan and related financings, and the application of the net proceeds therefrom, as if these transactions were consummated on March 31, 2004 in the case of the unaudited pro forma consolidated balance sheet, and on January 1, 2003 in the case of the unaudited pro forma consolidated balance sheet, and on January 1, 2003 in the case of the unaudited pro forma consolidated balance sheet, and on January 1, 2003 in the case of the unaudited pro forma consolidated balance sheet, and on January 1, 2003 in the case of the unaudited pro forma consolidated balance sheet.

The historical financial information and accompanying financial statements and corresponding notes thereto, and Management s Discussion and Analysis of Financial Condition and Results of Operations, as contained herein, reflect the actual historical results of operations and financial condition of Seitel and, therefore, do not give effect to the Plan or any of the transactions contemplated thereby.

Our Company

We are a leading provider of seismic data and related geophysical services to the oil and gas industry in North America. Our products and services are used by oil and gas companies to assist in the exploration for and development and management of oil and gas reserves. We have ownership in an extensive library of proprietary onshore and offshore seismic data that we have accumulated since 1982 and that we offer for license to a wide range of oil and gas companies. Our customers utilize this data, in part, to assist their identification of new geographical areas where subsurface conditions are favorable for oil and gas exploration, to determine the size, depth and geophysical structure of previously identified oil and gas fields, and to optimize the development and production of oil and gas reserves.

We believe that our library of onshore seismic data is one of the largest available for licensing in the United States and Canada. We also have ownership in a library of offshore data covering parts of the U.S. Gulf of Mexico shelf and certain deep water areas in the western and central U.S. Gulf of Mexico. We regularly add to the size of our seismic data library by conducting new seismic data creation programs funded (or

underwritten) substantially by our customers in exchange for a license granting exclusive access to newly acquired data for a limited period of time. We also acquire entire seismic libraries from oil and gas companies which have discontinued their exploration and production focus in a particular geographical area and no longer require

ownership of the library or which have determined to sell their library for financial purposes. These acquisitions are sometimes funded with cash, but typically are structured as non-monetary exchanges of seismic data, whereby we acquire ownership of existing data from customers in exchange for an assignment of a non-exclusive license to use data from our library. We also create new value-added products by applying advanced seismic data processing or other quantitative analytical techniques to selected portions of our library.

Our seismic data library includes both onshore and offshore three-dimensional (3D) and two-dimensional (2D) data and offshore multi-component data. We have ownership in approximately 32,000 square miles of 3D and approximately 1.1 million linear miles of 2D seismic data concentrated primarily in the major North American oil and gas producing regions. The majority of our seismic data library covers onshore regions within North America, with a geographic concentration on the onshore and transition zone of the U.S. Gulf Coast extending from Texas to Florida, western Canada, Mississippi, eastern Texas, the Rocky Mountain region and northern Louisiana. Most of our remaining seismic data library covers the offshore Gulf of Mexico and eastern Canada. We conduct our seismic data creation and licensing business through two wholly owned subsidiaries, Seitel Data, Ltd. in the United States and Olympic Seismic Ltd. in Canada.

To support our seismic data licensing business, we maintain warehouse and electronic storage facilities at our Houston, Texas headquarters and our Calgary, Alberta location. Through our wholly owned subsidiaries, Seitel Solutions Ltd. and Seitel Solutions Canada Ltd., we offer the ability to access and interact with the seismic data we own and market via a standard web browser and the Internet.

Prior to August 2002, we engaged in the exploration for and development, production and sale of natural gas and oil through our wholly owned subsidiaries DDD Energy, Inc. and Endeavor Exploration, LLC. However, our historical success was built around our seismic expertise and the quality of our library. Accordingly, we made a strategic decision to refocus our operations on our core competency of seismic data licensing. As a result, we have sold substantially all of the assets of DDD Energy, Inc. and Endeavor Exploration, LLC. Our remaining oil and gas assets are not material, and we do not intend to operate in that business segment of the oil and gas industry in the future.

Our Plan of Reorganization

On January 17, 2004, we filed the Plan with the U.S. bankruptcy court with the support of the Official Committee of Equity Holders of Seitel, Inc. (the Official Equity Committee), Berkshire Hathaway Inc. and Ranch Capital L.L.C., the holders of approximately \$255 million aggregate principal amount of our senior unsecured notes and Seitel s largest creditors. The Official Equity Committee was appointed by the U.S. trustee on August 11, 2003 to represent and protect the economic and other interests of our common stockholders in connection with the negotiation and formulation of the Plan. The members of the Official Equity Committee are Tanaka Capital, Bruce Galloway IRA, Charles Mouquin and Weber Systems, Inc. Charles Mouquin has been designated by the Official Equity Committee as a director of Reorganized Seitel commencing on the effective date of the Plan. There are no other affiliations between us and the members of the Official Equity Committee.

The Plan was confirmed by the bankruptcy court on March 18, 2004. The Plan provides that as of the effective date thereof:

all 25,375,683 outstanding shares of our common stock will be cancelled and, without any action on the part of the holders of such shares, such shares automatically will be converted into the right to receive and be exchanged for:

25,375,683 shares of our reorganized common stock, representing all of our outstanding shares of reorganized common stock on the effective date of the Plan, and

Stockholder Warrants to purchase 125,000,000 shares of our reorganized common stock, representing approximately 83.13% of our outstanding shares of reorganized common stock on a fully diluted basis, without giving effect to (1) the exercise of seven-year warrants to be issued to the Standby Purchasers on the Guaranty Performance Date as compensation for their standby purchase obligation and (2) the issuance of shares of reorganized common stock reserved for issuance under our 2004 omnibus stock option plan,

net proceeds from our private placement of our new senior notes due 2012 will be placed in escrow, together with additional cash sufficient to effect a special mandatory redemption of the new senior notes at a price equal to 101% of the principal amount thereof, plus accrued and unpaid interest, if any, to the date of special mandatory redemption, pending the release from escrow of such funds on the Guaranty Performance Date (see Description of Indebtedness of Reorganized Seitel New Senior Notes),

a revolving loan commitment of \$30 million, subject to borrowing base limitations, under our new revolving credit facility with Wells Fargo Foothill, Inc. (WFF) will be made available to us for borrowing (see Description of Indebtedness of Reorganized Seitel The New Revolving Credit Facility),

we must have on hand cash and cash equivalents of not less than \$35 million available to pay allowed creditors claims required under the Plan, to the extent necessary, and

the registration statement, of which this prospectus is a part, must be declared effective by the SEC.

Plan Funding

The Plan provides that on the Guaranty Performance Date, all of our outstanding allowed pre-petition claims will be fully paid, in cash, together with post-petition (non-default rate) interest thereon, except for disputed claims and claims that are reinstated under the Plan. Total payments to creditors required, and administrative expenses anticipated, to be paid under the Plan on the Guaranty Performance Date are expected to aggregate approximately \$304.9 million. See The Plan of Reorganization Treatment of Pre-Petition Claims.

Payments to creditors under the Plan will be funded primarily utilizing the following:

net cash payments received by us upon exercise of the Stockholder Warrants prior to their expiration on July [], 2004,

to the extent the Stockholder Warrants are not exercised, in full, prior to their expiration, the net proceeds from the sale of shares of our reorganized common stock to the Standby Purchasers on the Guaranty Performance Date,

the net proceeds from our private placement of new senior notes, which, together with additional funds, will be deposited into escrow on the effective date of the Plan pending the release and use thereof on the Guaranty Performance Date as described herein under Description of Indebtedness of Reorganized Seitel New Senior Notes,

borrowings under our new revolving credit facility with WFF, and

cash and cash equivalents on hand.

On the effective date of the Plan, each holder of record of our common stock as of June[], 2004 will receive, in exchange for each share owned, one share of our reorganized common stock and one Stockholder Warrant to purchase 4.926 shares of our reorganized common stock, at an exercise price of 60 cents per share. If exercised, in full, the number of Stockholder Warrants which each stockholder will receive will enable it to retain the same percentage ownership in our company that it owned immediately prior to the effective date of the Plan, subject to dilution as described in the section titled Dilution at page 48. The Stockholder Warrants will be

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exercisable until 5:00 p.m., New York City time, on July [], 2004. If the Stockholder Warrants are exercised in full, we will receive \$75 million in cash, before deducting the expenses of this offering payable by us (presently estimated to be approximately \$2.9 million). The entire net proceeds therefrom will be used to partially fund payments of allowed creditors claims required under the Plan. **Please note that if you do not exercise your Stockholder Warrants in full you will experience substantial dilution in your percentage equity ownership of Reorganized Seitel. Please see Dilution at page 48 for a detailed discussion.**

To ensure that we receive gross cash proceeds of \$75 million if the Stockholder Warrants are not exercised in full prior to their expiration, Mellon HBV Alternative Strategies LLC (Mellon HBV), which currently beneficially owns approximately 9.28% of our outstanding shares of common stock, has agreed (collectively for itself and on behalf of certain of its affiliated funds and managed accounts, the Standby Purchasers) to purchase, at 60 cents per share, after the Stockholder Warrants have expired on July [], 2004 but in no event later than July 27, 2004 (the

Guaranty Performance Date), all shares of reorganized common stock not purchased upon the exercise of the Stockholder Warrants. All of the securities of our company that the Standby Purchasers will receive under the terms of the Plan will be subject to restrictions on transfer under the Securities Act. Accordingly, such securities may only be transferred or sold by the Standby Purchasers pursuant to an effective registration statement under the Securities Act or in a transaction exempt from the registration requirements of the Securities Act. None of such securities can be resold by the Standby Purchasers by means or use of this prospectus. We have provided the Standby Purchasers with certain registration rights to enable the Standby Purchasers to transfer and sell their securities after the Guaranty Performance Date.

As compensation for their obligation to act as Standby Purchasers, we will issue to them on the Guaranty Performance Date warrants to purchase 15,037,568 shares (or, on a fully diluted basis, 9.10%) of our reorganized common stock (the Standby Purchaser Warrants). The Standby Purchaser Warrants will be exercisable until the seventh anniversary of the Guaranty Performance Date at an initial exercise price of 72 cents per share, subject to adjustment upon the occurrence of certain events.

As further assurance that we will have available for disbursement to creditors on the Guaranty Performance Date as required under the Plan not less than \$75 million of gross cash proceeds (before deducting the expenses of this offering payable by us, which presently are estimated to be approximately \$2.9 million), Mellon HBV has agreed to obtain as account beneficiary, but at our expense, not later than the third business day after the effective date of the Plan, an irrevocable standby letter of credit to secure the Standby Purchasers obligations. See The Standby Purchase Guaranty.

We have retained Jefferies & Company, Inc. as our financial advisor in connection with the transactions contemplated by the Plan under the terms of an engagement letter as amended and restated on February 3, 2004, which has been approved by the bankruptcy court. Jefferies has agreed to act as exclusive dealer-manager in connection with this offering. We have agreed to pay Jefferies a fee of approximately \$1.0 million for its services as financial advisor and exclusive dealer-manager in connection with this offering.

Please see Description of Indebtedness of Reorganized Seitel The New Revolving Credit Facility and New Senior Notes for a discussion of our new revolving credit facility with WFF and our private placement of new senior notes due 2014 and the terms thereof.

Other Information

We were incorporated in the State of Delaware in 1982. Our principal executive offices are located at 10811 South Westview Circle Drive, Suite 100, Building C, Houston, Texas 77043, and our telephone number at that address is (713) 881-8900. Our website is located at *www.seitel.com*. Information contained on our website is not a part of this prospectus.

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	The Offering
Issuer	Seitel, Inc.
Shares of common stock outstanding prior to this offering and to be cancelled on the effective date of the Plan	25,375,683 shares
Shares of reorganized common stock to be issued on the effective date of the Plan	25,375,683 shares
Stockholder Warrants to be issued pursuant to this prospectus	25,375,683 Stockholder Warrants
Shares of reorganized common stock offered through this prospectus	125,000,000 shares(1)
Shares of reorganized common stock to be outstanding upon completion of this offering	150,375,683 shares(2)
Use of proceeds	We will receive for disbursement to Seitel s creditors under the Plan \$75 million, before deducting our expenses of this offering, which are estimated to be approximately \$2.9 million. As described in Use of Proceeds , we will use the entire net proceeds of this offering to partially fund payments to creditors under the Plan.
Transfer Agent and Warrant Agent	American Stock Transfer & Trust Company

 Represents the maximum number of shares of reorganized common stock to be offered and sold by us from the combination of (x) the exercise of the Stockholder Warrants and (y) to the extent the Stockholder Warrants are not exercised, in full, before they expire on July [], 2004, our sale to the Standby Purchasers on the Guaranty Performance Date of all shares of our reorganized common stock not sold upon such exercise.

Prior to making a decision about investing in our reorganized common stock, you should carefully consider the specific risks contained in the Risk Factors section, beginning on page 12 of this prospectus, together with all of the other information contained in this prospectus or appearing in the registration statement of which this prospectus is a part.

⁽²⁾ Includes: (1) 25,375,683 shares of reorganized common stock to be issued on the effective date of the Plan and (2) 125,000,000 shares of reorganized common stock offered by this prospectus. Does not include: (1) up to 15,037,568 shares of reorganized common stock underlying the Standby Purchaser Warrants to be issued to the Standby Purchasers on the Guaranty Performance Date as compensation for their standby purchase obligation, and (2) up to 8,270,662 shares of reorganized common stock, representing approximately 5% of our reorganized common stock, on a fully diluted basis, reserved for issuance under our new 2004 omnibus stock option plan.

Summary Historical and Pro Forma Consolidated Financial Data

The following is a summary of our historical consolidated financial data as of and for each of our fiscal years ended December 31, 2001, 2002 and 2003, and as of and for the three months ended March 31, 2003 and 2004. The following also sets forth unaudited summary pro forma consolidated financial data illustrating the estimated effects of the Plan and related financings and the application of the proceeds thereof as if they had occurred on March 31, 2004, in the case of the unaudited pro forma consolidated balance sheet and January 1, 2003, in the case of the unaudited pro forma consolidated income statements.

Our consolidated balance sheets after March 31, 2004, and our consolidated statements of operations for the periods after March 31, 2004, will not be comparable to our historical consolidated financial statements published before the effective date of the Plan and included elsewhere in this prospectus. Among other things, our consolidated statement of operations for future periods will include numerous adjustments required by the Plan, including reductions in interest expense and substantially less professional expenses related to our reorganization proceedings.

The consolidated balance sheet data and the consolidated statement of operations data presented below as of December 31, 2001, 2002 and 2003, and for each of the years in the three-year period ended December 31, 2003, have been derived from our consolidated financial statements, which have been audited by Ernst & Young LLP, independent auditors. The auditors report issued by Ernst & Young LLP with respect to their audit of our financial statements for the years ended December 31, 2003 and 2002 included an explanatory paragraph relating to our ability to continue as a going concern. The consolidated balance sheet data and the consolidated statement of operations data presented below as of and for the three-month periods ended March 31, 2003 and 2004, respectively, are unaudited. However, we believe that this information contains all adjustments, consisting only of normal recurring adjustments, which are necessary to present fairly our consolidated statement of operations data presented for the statement of operations for those periods. The consolidated balance sheet data as of March 31, 2004, and the consolidated statement of operations data presented for the three-month period ended March 31, 2004, are not necessarily indicative of the results that may be expected for the fiscal year. Certain reclassifications have been made to the amounts in the prior years financial statements to conform to the current year s presentation.

The unaudited pro forma consolidated financial data do not purport to be indicative of the financial position that would actually have been reported had such transactions in fact been consummated on such dates or of the financial position that may be reported by us in the future. The unaudited pro forma adjustments are based upon available information and certain assumptions that we believe are reasonable. The unaudited pro forma consolidated financial data do not include the effects of the fresh start accounting provisions of AICPA Statement of Position 90-7,

Financial Reporting by Entities in Reorganization under the Bankruptcy Code, because the criteria for fresh start reporting are not expected to be met. Until the transaction is completed, we cannot determine whether a more than 50% change in ownership will occur, and we believe the reorganization value of our assets immediately prior to the confirmation date will be more than the total of all post-petition liabilities and allowed claims. All of the information presented below should be read in conjunction with the information in the sections in this prospectus titled Selected Historical Consolidated Financial Data, Unaudited Pro Forma Consolidated Financial Data and Management s Discussion and Analysis of Financial Condition and Results of Operations, as well as our audited and unaudited consolidated financial statements and their accompanying notes, all of which are included elsewhere in this prospectus.

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	Yea	r Ended December	r 31,		onths Ended rch 31,
	2001	2002	2003	2003	2004
				(unaudited)	(unaudited)
Statement of Operations Data:				(* ********	(1 111 111)
(In thousands)					
Revenue	\$ 115,238	\$ 149,795	\$ 131,465	\$ 30,324	\$ 41,264
Expenses and Costs:					
Depreciation and amortization	49,448	129,856	82,638	18,075	24,083
Cost of sales	1,196	928	815	154	74
Selling, general and administrative	34,805	71,732	29,678	8,893	8,539
Impairment of seismic data library		82,964	29,959		
	85,449	285,480	143,090	27,122	32,696
Income (loss) from operations	29,789	(135,685)	(11,625)	3,202	8,568
Interest expense, net	(13,461)	(20,856)	(19,950)	(5,078)	(4,948)
Loss on sale of marketable securities		(332)			
Gain on extinguishment of liabilities			681		
Reorganization items			(5,984)		(4,147)
Income (loss) from continuing operations before income taxes					
and cumulative effect of change in accounting principle	16,328	(156,873)	(36,878)	(1,876)	(527)
Provision (benefit) for income taxes	6,748	(18,304)	2,199	35	706
riousion (benefit) for medine taxes	0,740	(18,504)	2,199		
Income (loss) from continuing operations before cumulative					
effect of change in accounting principle	9,580	(138,569)	(39,077)	(1,911)	(1,233)
Income (loss) from discontinued operations, net of tax	(24,573)	(62,709)	1,139	(237)	35
Cumulative effect of change in accounting principle, net of tax		(11,162)			
Net loss (1)	\$ (14,993)	\$ (212,440)	\$ (37,938)	\$ (2,148)	\$ (1,198)
Earnings (loss) per share:					
Basic: Income (loss) from continuing operations	\$.38	\$ (5.48)	\$ (1.54)	\$ (.07)	\$ (.05)
Income (loss) from discontinued operations	(.98)	(2.48)	.04	(.01)	φ (.05)
Cumulative effect of accounting change	(.98)		.04	(.01)	
Cumulative effect of accounting change		(.44)			
Net loss	\$ (.60)	\$ (8.40)	\$ (1.50)	\$ (.08)	\$ (.05)
Diluted:					
Income (loss) from continuing operations	\$.37	\$ (5.48)	\$ (1.54)	\$ (.07)	\$ (.05)
Income (loss) from discontinued operations	(.95)	(2.48)	.04	(.01)	
Cumulative effect of accounting change		(.44)			
Net loss	\$ (.58)	\$ (8.40)	\$ (1.50)	\$ (.08)	\$ (.05)
	÷ (+ (00)	÷ (1.00)	÷ ()	÷ ()
Weighted average shares (in thousands):					
Basic	24,986	25,300	25,376	25,376	25,376
Diluted	25,692	25,300	25,376	25,376	25,376
2	25,072	20,000	23,570	23,570	23,510

	Year	r Ended December	31,		nths Ended ch 31,
	2001	2002	2003	2003	2004
				(unaudited)	(unaudited)
Other Financial Data:					
(In thousands)					
Cash Operating Income(2)(3)	\$ 63,842	\$ 19,968	\$ 89,536	\$ 18,909	\$ 28,153
EBITDA(3)	79,237	76,803	95,669	21,277	28,504
Cash flows provided by operating activities of					
continuing operations	30,767	21,716	80,314	12,366	29,538
Cash flows used in investing activities of continuing					
operations(4)	(79,565)	(49,358)	(48,668)	(11,488)	(25,955)
Cash flows provided by (used in) financing activities					
of continuing operations	61,255	(2,630)	(5,646)	(2,166)	(708)
Financial Ratios:					
Cash Operating Income(2)/Interest Expense, net	4.7	1.0	4.5	3.7	5.7
EBITDA(3)/Interest Expense, net	5.9	3.7	4.8	4.2	5.8
Net Debt(5)/Cash Operating Income(2)	3.8	12.5	2.5	na	na
Net Debt(5)/EBITDA(3)	3.1	3.3	2.3	na	na
Net Debt(5)/Total Net Book Capitalization	50.0%	87.1%	98.4%	87.4%	99.1%

In the second quarter of 2002, we changed our accounting policy for amortizing our created seismic data library from the income forecast method to the greater of the income forecast method or the straight-line method over the data s useful life and reported the adoption of the new method as a cumulative effect of a change in accounting principle retroactive to January 1, 2002. Pro forma net loss for the year ended December 31, 2001, assuming the new seismic data amortization policy had been applied retroactively, was as follows (in thousands, except per share amounts):

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		As of December 3	1,	As of M	larch 31,
	2001	2002	2003	2003	2004
				(unaudited)	(unaudited)
Balance Sheet Data:					
(In thousands)					
Cash and cash equivalents	\$ 25,223	\$ 21,517	\$ 44,362	\$ 18,769	\$ 48,588
Seismic data library, net	455,845	284,396	247,541	286,552	253,874
Total assets	661,469	398,136	367,089	392,325	373,115
Total debt(6)	268,350	272,061	267,434	270,102	267,122
Stockholders equity	243,587	37,036	3,722	36,221	2,041
Book value per common share outstanding	\$9.71	\$1.46	\$.15	\$1.43	\$.08
Common shares outstanding	25,075	25,376	25,376	25,376	25,376

(1) In the fourth quarter of 2002, we reevaluated our estimate of the useful life of our seismic data library and reduced the estimated useful life of offshore data from ten to five years and onshore data from ten to seven years. The effect from this change on reported results was a reduction in net income of \$58.8 million for the year ended December 31, 2002.

- (2) Cash operating income is defined as cash revenue (derived primarily from seismic data acquisition revenue, cash library licensing revenue, and Solutions revenue) less cost of sales and SG&A. Cash operating income is a non-GAAP financial measure which should not be construed as an alternative to operating income (loss) (as determined in accordance with U.S. generally accepted accounting principles (GAAP)) as an indication of our operating performance, or to cash flows from operating activities (as determined in accordance with GAAP) as a measure of liquidity. Included in cash operating income are a number of special items that are not necessarily indicative of our core operations or our future prospects, and impact comparability between years. Cash operating income for the year ended December 31, 2001 included \$1.3 million for charges related to former executives. Cash operating income for the year ended December 31, 2002 included \$28.5 million of costs and expenses related to our restructuring efforts, various litigation, severance costs, the acceleration of certain lease obligations, allowances for doubtful accounts and certain other accruals. Cash operating income for the year ended Macch 31, 2003 included \$2.8 million of costs and expenses related to our restructuring efforts, various litigation, net of reduction in litigation accruals. Cash operating income for the three months ended March 31, 2003 included \$2.8 million of costs and expenses related to various litigation. Cash operating income for the three months ended March 31, 2004 included \$0.7 million of costs and expenses related to various litigation and severance costs. We believe that cash operating income is a useful measure in evaluating our performance because of our revenue recognition policies. We believe that, in addition to operating income, cash flows from operating activities and EBITDA, cash operating income is a useful financial performance measurement reflecting our ability to incur and service debt and to fund capital expenditur
- (3) EBITDA is defined as earnings from continuing operations before income taxes (benefit), interest expense, net, impairment of seismic data, and depreciation and amortization. EBITDA is a non-GAAP financial measure, which should not be construed as an alternative to operating income (loss) (as determined in accordance with GAAP) as an indicator of our operating performance or to cash flows from operating activities (as determined in accordance with GAAP) as a measure of liquidity. Our method of calculating EBITDA may differ from methods used by other companies and, as a result, EBITDA measures disclosed herein might not be comparable to other similarly titled measures used by other companies. Included in earnings and EBITDA for the year ended December 31, 2001 included \$1.3 million for charges related to former executives. EBITDA for the year ended December 31, 2002 included \$28.5 million of costs and expenses related to our restructuring efforts, various litigation, severance costs, the acceleration of costs and expenses related to our restructuring efforts and various litigation. EBITDA for the three months ended March 31, 2003 included \$2.8 million of costs and expenses related to our restructuring efforts, and various litigation. EBITDA for the three months ended March 31, 2003 included \$2.8 million of costs and expenses related to our restructuring efforts, and various litigation accruals. EBITDA for the three months ended March 31, 2003 included \$2.8 million of costs and expenses related to our restructuring efforts, bankruptcy proceedings and various litigation, net of reduction in litigation. EBITDA for the three months ended March 31, 2003 included \$4.8 million of costs and expenses related to our restructuring efforts, bankruptcy proceedings, various litigation and severance costs. We believe that, in addition to cash flow from operating activities and net earnings (loss), EBITDA is a useful financial performance measurement for assessing operating performance since it provides an additional basi

The following table reconciles our cash operating income to EBITDA and EBITDA to income (loss) from continuing operations determined in accordance with GAAP (in thousands):

		Year Ended December 31,			onths Ended rch 31,
	2001	2002	2003	2003	2004
				(unaudited)	(unaudited)
Cash operating income Add (subtract) other revenue components not included in cash operating income:	\$ 63,842	\$ 19,968	\$ 89,536	\$ 18,909	\$ 28,153
Acquisition underwriting from non-monetary exchanges			624		1,812
Non-monetary exchanges	57,045	13,551	10,630	3,109	3,080
Deferral of revenue	(89,764)	(38,366)	(51,421)	(12,372)	(14,355)
Selections of data	48,114	81,982	51,603	11,631	13,961
Less:					
Loss on sale of marketable securities		(332)			
Gain on extinguishment of liabilities			681		
Reorganization items			(5,984)		(4,147)
EBITDA	79,237	76,803	95,669	21,277	28,504
Less:					
Interest expense, net	(13,461)	(20,856)	(19,950)	(5,078)	(4,948)
Taxes	(6,748)	18,304	(2,199)	(35)	(706)
Impairment of seismic data library		(82,964)	(29,959)		
Depreciation and amortization	(49,448)	(129,856)	(82,638)	(18,075)	(24,083)
Income (loss) from continuing operations before cumulative effect of					
change in accounting principle	\$ 9,580	\$ (138,569)	\$ (39,077)	\$ (1,911)	\$ (1,233)

(4) Cash flows used in investing activities for the year ended December 31, 2001 included \$18.5 million related to the purchase of seismic data libraries located in the Gulf Coast Texas and Canada areas.

- (5) Net debt reflects total debt less cash and cash equivalents.
- (6) Total debt includes capital lease obligations.

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	Pro Forma As of March 31, 2004
	(unaudited)
Balance Sheet Data:	
Cash and cash equivalents	\$ 16,768
Seismic data library, net	253,874
Total assets	347,166
Total debt	196,705
Stockholders equity	70,612

70,612
\$ 0.47
150,376
\$

(unaudited)(unaudited)Statement of Operations Data:*********************************
Revenue \$ 131,465 \$ 41,264 Income (loss) from operations (11,625) 8,568 Loss from continuing operations (39,560) (1,371)
Income (loss) from operations(11,625)8,568Loss from continuing operations(39,560)(1,371
Loss from continuing operations (39,560) (1,371
Base and diffice loss from continuing operations per share (0.20) (0.20)
Weighted average number of common and common equivalent shares basic and diluted150,376150,376
Other Financial Data:
Cash operating income 89,536 28,153
EBITDA 95,669 28,504
Financial Ratios:
Cash Operating Income/Interest Expense, net 4.4 5.5
EBITDA/Interest Expense, net 4.7 5.6
Net Debt/Cash Operating Income 2.0 na
Net Debt/EBITDA 1.9 na
Net Debt/Total Net Book Capitalization71.9%71.8

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RISK FACTORS

You should carefully consider the following risk factors prior to making a decision about investing in our company. These risks could materially and adversely affect our business, financial condition, results of operations and prospects, which could in turn materially and adversely affect the market price of our reorganized common stock.

Risks Relating to this Offering

If our Plan becomes effective and the Stockholders Warrants are issued, the exercise price of the Stockholder Warrants will be substantially below the most recent closing bid price for our common stock as reported on the OTC Bulletin Board. This price disparity could result in volatile trading activity in our common stock, as well as price fluctuations reflecting such trading activity, all of which could have a depressive effect on the price of our reorganized common stock.

If our Plan becomes effective and the Stockholder Warrants are issued, the Stockholder Warrants will be exercisable at 60 cents per share, a price that is significantly below the most recent closing bid prices of our common stock as reported on the OTC Bulletin Board. There is a risk that this price disparity could result in volatile trading activity by those who either exercise Stockholder Warrants and sell their warrant shares, sell shares they currently own, or sell or have sold short shares of our common stock and then exercise their Stockholder Warrants to cover short positions, all of which could have a depressive effect on the price of our reorganized common stock. The occurrence of any of the foregoing may contribute to volatility of the price of our reorganized common stock and may have a negative impact on your investment in our company.

We do not intend at this time to apply to list our reorganized common stock or the Stockholder Warrants on any national securities exchange or U.S. inter-dealer quotation system. Our reorganized common stock and the Stockholder Warrants may trade infrequently and at unpredictable levels in the over-the-counter market resulting in a potential lack of liquidity of your stock.

We do not intend at this time to apply to list our reorganized common stock or the Stockholder Warrants on any national securities exchange or to include our reorganized common stock in any U.S. inter-dealer quotation system of a registered national securities association (e.g. NASDAQ). Our common stock presently is traded in the over-the-counter market on the OTC Bulletin Board (our principal securities market) and on the Toronto Stock Exchange. Although our common stock presently trades on the OTC Bulletin Board, the ability to publicly trade our reorganized common stock or the Stockholder Warrants on the OTC Bulletin Board is entirely dependent upon registered broker-dealers reapplying to the OTC Bulletin Board to initiate quotation of such securities. We have notified our current market makers to request them to apply to the OTC Bulletin Board to initiate quotations in our reorganized common stock as of the effective date of the Plan. If the application is not approved for any reason, our reorganized common stock will trade in the over-the-counter market unless and until OTC Bulletin Board trading is initiated, which could further adversely affect the liquidity and availability of price quotations for our reorganized common stock. Other than furnishing to registered broker dealers copies of this prospectus and documents filed as exhibits to the registration statement of which this prospectus is a part, we have no control over the process of quotation initiation on the OTC Bulletin Board.

It may be difficult for holders of Stockholder Warrants to publicly trade their Stockholder Warrants during the 30-day period between the effective date of the Plan and July [], 2004, for holders of reorganized common stock to publicly trade reorganized common stock at any time after the date of this prospectus, or for such holders to obtain timely and accurate quotations with respect to such securities. Moreover, for such time as our reorganized common stock is not listed on a national securities exchange, included for quotation in a U.S. inter-dealer quotation system (e.g., NASDAQ), or listed on the OTC Bulletin Board, various institutional investors may be precluded, by reason of their internal investment policies, from purchasing our reorganized common stock for their portfolios. This, in turn, could adversely affect or preclude entirely

any buy side or sell side analysts coverage of our reorganized common stock.

Our common stock currently is quoted on the OTC Bulletin Board and trades below \$5.00 per share and therefore is considered a penny stock within the meaning of Rule 15g-9 under the Securities Exchange Act of 1934, as amended. If the reorganized common stock continues to trade at prices below \$5.00 per share, it and the Stockholder Warrants also will be considered penny stock and the liquidity of the reorganized common stock and the Stockholder Warrants may be adversely affected.

The SEC has adopted regulations which define a penny stock to be any equity security not listed on a national securities exchange or quoted on the Nasdaq Stock Market that has a market price or in the case of a derivative security, an exercise price of less than \$5.00 per share, subject to certain exceptions. Our common stock currently trades below \$5.00 per share and therefore is considered to be a penny stock. If our reorganized common stock trades at prices less than \$5.00 per share, such stock and the Stockholder Warrants also will be considered penny stock, and trading in the reorganized common stock and Stockholder Warrants will be subject to the requirements of Rule 15g-9 under the Securities Exchange Act of 1934, as amended (the Exchange Act). Under this rule, broker-dealers who recommend low-priced securities to persons other than established customers and accredited investors must satisfy special sales practice requirements. The broker-dealer must make an individualized written suitability determination for the purchaser and receive the purchaser s written consent prior to the transaction. This may have an adverse impact upon the development of a retail market for our reorganized common stock having the depth and breadth to result in liquidity at stable prices. Also, many financial institutions and funds have internal policies which preclude investing in penny stock securities.

SEC regulations also require additional disclosure in connection with any trades involving a penny stock, including the delivery, prior to any penny stock transaction, of a disclosure schedule explaining the penny stock market and its associated risks. These requirements severely limit the liquidity of securities in the secondary market because few broker-dealers are likely to undertake these compliance activities. In addition to the applicability of the penny stock rules, other risks associated with trading in penny stocks could also be price fluctuations and the lack of a liquid market. Therefore, if the reorganized common stock is subject to the penny stock rules, the liquidity of our reorganized common stock (as well as the liquidity of our Stockholder Warrants) may be adversely affected.

If you purchase Stockholder Warrants on or after the 28th day next following the effective date of the Plan you may actually receive such warrants after they have already expired.

The Stockholder Warrants will be exercisable until 5:00 p.m., New York City time, on July [], 2004, the 30th day after the effective date of the Plan. As with all securities, generally, trades effected in Stockholder Warrants are required to be settled within three trading days after the trade date. A purchase and sale of Stockholder Warrants that is effected on July [], 2004, the 28th day after the the effective date of the Plan, would be required to be settled not later than July [], 2004, at which time the Stockholder Warrants will have expired. Accordingly, if you purchase Stockholder Warrants on or after the 28th day next following the effective date of the Plan, you may actually receive such warrants after they have already expired and they will be of no value to you.

Mellon HBV currently owns approximately 9.28% of our common stock and has agreed to purchase on the Guaranty Performance Date all shares of reorganized common stock not purchased upon the exercise of the Stockholder Warrants, which would enable it to materially influence the election of our directors and other major corporate decisions requiring the vote of our stockholders.

Mellon HBV and its affiliates have represented to us that they currently beneficially own 2,356,132 shares (or 9.28%) of our outstanding common stock. On the effective date of the Plan, Mellon HBV will receive 2,356,132 shares of our reorganized common stock and Stockholder Warrants to purchase 11,606,306 additional shares of our reorganized common stock, strictly in its capacity as a holder of record of our common stock as of June [], 2004. Further, if the Stockholder Warrants are not exercised in full before they expire, Mellon HBV, in its capacity as Standby Purchaser, has agreed to purchase on the Guaranty Performance Date all shares of reorganized common stock not purchased upon the exercise of the Stockholder Warrants which shares, together with all other shares of reorganized common stock it would then beneficially own, would represent in the aggregate a very substantial percentage of our outstanding reorganized common stock.

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This potential substantial ownership of our reorganized common stock would enable Mellon HBV to significantly influence the election of our directors, with respect to which there will be cumulative voting, and other significant corporate decisions and transactions with respect to which our stockholders are entitled to vote. See The Standby Purchase Guaranty.

Future sales of reorganized common stock in the over-the-counter market could have a depressive effect on the price of reorganized common stock and could impair our ability to raise new funds in new securities offerings.

Future sales of a substantial number of shares of reorganized common stock in the over-the-counter market, or the perception that such sales could occur, could not only adversely affect the prevailing market price of reorganized common stock, but could also make it more difficult for us to raise funds through the public or private sale of our equity securities or debt securities convertible into equity securities. Upon completion of this offering, and assuming quotation of our reorganized common stock on the OTC Bulletin Board, all of the shares of reorganized common stock issued upon exercise of Stockholder Warrants, a maximum of 125,000,000 shares, will be eligible for resale in the over-the-counter market, except to the extent the holder of such shares is deemed to be an underwriter with respect to such securities or an affiliate of Reorganized Seitel. All of the securities of our company that the Standby Purchasers will receive from us under the terms of the Plan will be subject to restrictions on transfer under the Securities Act. Persons deemed to be underwriters or affiliates may be able to sell their shares of reorganized common stock without registration subject to the provisions of Rule 144 under the Securities Act, which permits the public sale of securities received pursuant to a plan of reorganization by persons who would be deemed to be underwriters or affiliates, subject to the availability to the public of current information regarding Reorganized Seitel and to volume limitation and certain other conditions, but without a one year holding period condition.

On the effective date of the Plan, we will enter into a registration rights agreement granting the Standby Purchasers certain demand and piggyback registration rights to enable them to resell without restriction under the Securities Act (1) all of the shares of reorganized common stock sold to them upon exercise of their Stockholder Warrants, and all shares of reorganized common stock issued to them under the Plan in their capacity as stockholders of our company as of June [], 2004, and (2) all shares of reorganized common stock purchased by them in their standby purchase capacity, if any, and all Standby Purchaser Warrants (and underlying shares of reorganized common stock) to be issued to them on the Guaranty Performance Date as compensation for their standby purchase obligation. As a result, a substantial number of shares of reorganized common stock may be eligible for sale in the public market following the completion of this offering. Even if few or none of the Stockholder Warrants are exercised before they expire, a substantial number of shares of reorganized common stock that would be purchased by the Standby Purchasers on the Guaranty Performance Date and upon exercise of the Standby Purchaser Warrants would be eligible for sale in the public market by the Standby Purchasers to the extent they exercise their demand or piggyback registration rights.

Certain features of Reorganized Seitel s governing documents, which will become effective on the effective date of the Plan, will have anti-takeover effects that could discourage or prevent a change-in-control of Reorganized Seitel, which could cause the market price of our reorganized common stock to decline and remain at lower price levels than might otherwise prevail.

Some of the provisions of Reorganized Seitel s amended and restated certificate of incorporation and amended and restated bylaws, which will become effective on the effective date of the Plan, may have the effect of maintaining in office the directors who are members of our board on the effective date of the Plan. Such provisions may make it more difficult and time consuming for stockholders or third parties to influence the management, policies or affairs of Reorganized Seitel, and may discourage, delay or prevent a transaction involving a change-in-control of Reorganized Seitel offering a premium over the current market price of our reorganized common stock. These provisions could also discourage proxy contests and make it more difficult for Reorganized Seitel s stockholders to elect new or replacement directors and to cause Reorganized Seitel to take extraordinary corporate actions.

Our amended and restated certificate of incorporation will contain provisions establishing a classified board of directors with staggered three-year terms and authorizing the board of directors to issue one or more series of preferred stock without stockholder approval, which preferred stock could have voting and conversion rights that adversely affect the voting power of the holders of reorganized common stock and dividend or liquidation rights superior to those of reorganized common stock. In addition, Section 203 of the Delaware General Corporation Law prohibits a corporation from engaging in mergers or certain other business combinations with an interested stockholder for a period of three years following the time that such interested stockholder becomes an interested stockholder, unless certain conditions are satisfied. Under Section 203, a person who acquires 15% or more of the outstanding voting stock of a Delaware Corporation Law in our amended and restated certificate of incorporation, we will continue to be subject to Section 203 for a period of 12 months after the effective date of the Plan.

In addition, our amended and restated bylaws will contain provisions establishing advance notice and disclosure procedures that stockholders must follow to bring matters before a meeting of Reorganized Seitel s stockholders or to nominate directors for election to Reorganized Seitel s board of directors. They will also provide that the written request of stockholders holding not less than 10% of all votes entitled to be cast on an issue is required for stockholders to call special meetings of Reorganized Seitel s stockholders.

The existence of these provisions in our amended and restated certificate of incorporation and amended and restated bylaws might hinder or delay an attempted takeover other than through negotiations with Reorganized Seitel s board. As a result, Reorganized Seitel may be less likely to receive unsolicited acquisition and other proposals that some of Reorganized Seitel s stockholders might consider beneficial. These anti-takeover effects may have a depressive effect on the market price of our reorganized common stock or cause it to decline.

Risks Relating to Us and Our Business

Failure to comply with the SEC s final judgment of permanent injunction entered on consent against us could adversely affect our business, and could subject us to further SEC investigations, enforcement action, criminal prosecution and significant penalties.

Seitel was the subject of a formal investigation by the SEC s Division of Enforcement. Seitel cooperated fully with the SEC during the course of its investigation, and reached a consensual resolution of the SEC s civil complaint resulting in its consent to a final judgment of permanent injunction (the SEC Injunction) being entered on June 16, 2003 in the United States District Court for the Southern District of Texas, Houston Division. The agreement for the entry of the SEC injunction was without admitting or denying the allegations in the SEC s complaint, which had alleged violations of the reporting, books and records, internal controls and proxy statement provisions of the Exchange Act, and rules and regulations adopted under the Exchange Act. Seitel s chief executive officer and chief financial officer at the time of the events giving rise to the SEC s complaint have been replaced.

The SEC Injunction, by its terms, permanently restrains and enjoins us from, among other things: (1) filing with the SEC any annual report under the Exchange Act that contains any untrue statement of a material fact, which omits to state any material fact necessary in order to make the statements made, in the light of the circumstances under which they were made, not misleading, or that omits to disclose any information required to be disclosed, (2) failing to make and keep accurate books, records and accounts, (3) failing to devise and maintain an adequate system of internal accounting controls and procedures, or (4) soliciting any proxy or consent or authorization in respect of any security registered under Section 12 of the Exchange Act in contravention of the SEC s proxy rules, or making any solicitation by means of any proxy statement, form of proxy, notice of meeting or other communication subject to the SEC s proxy rules which, at the time and in the light of the circumstances under which it is made, is false or misleading with respect to any material fact, or which omits to state any material fact necessary in order to make the statements made, in the light of the circumstances under which they were made, not misleading.

If we fail to comply with any of the provisions of the SEC Injunction, such failure could adversely affect Reorganized Seitel, and the market price of reorganized common stock could significantly decline.

Limitations on our ability to utilize net operating losses and other tax benefits may result in future net operating income being taxable income.

Depending on the number of shares of reorganized common stock owned by the Standby Purchasers following the Guaranty by Performance Date, which cannot be determined at this time, there may be an ownership change of Reorganized Seitel for U.S. federal income tax purposes. Following the implementation of the Plan, any of our remaining net operating loss and tax credit carryforwards and certain other tax attributes applicable to periods prior to the effective date of the Plan (collectively, pre-change losses) may be limited under Section 382 of the Internal Revenue Code of 1986, as amended, as a result of a change in ownership of Reorganized Seitel. We do not anticipate that we will have any net operating loss carryforwards. Under Section 382, if a corporation undergoes an ownership change and the corporation does not qualify for or elects not be subject to treatment under Section 382(1)(5)(H), the amount of its pre-change losses that may be utilized to offset future taxable income is subject to an annual limitation. Such limitation also may apply to certain losses or deductions that are economically accrued but not recognized as of the date of the ownership change and that are subsequently recognized during the five-year period beginning with the date of the ownership change. We anticipate that we will have such losses or deductions that may be subject to the limitation.

We will have to generate substantial operating cash flow to meet our obligations under our new revolving credit facility and new senior notes.

We will have a significant amount of leverage resulting from new indebtedness incurred in the financing and other transactions contemplated by and required under the Plan, indebtedness of our Canadian subsidiaries, and other indebtedness in respect of certain capital lease obligations.

On the effective date of the Plan, we will have completed our private placement of new senior notes due 2014. Subject to the escrow arrangements and special mandatory redemption event described elsewhere in this prospectus, these proceeds will be used to partially fund on the Guaranty Performance Date payments of allowed creditors claims required under the Plan. On April 16, 2004, we entered into a new revolving credit facility with WFF pursuant to which a revolving loan commitment of \$30 million, subject to borrowing base limitations, will be made available to us for borrowing on the effective date of the Plan and, if necessary, to fund on the Guaranty Performance Date payments of allowed creditors claims required under the Plan. Borrowings under the new revolving credit facility not used to fund such payments will be used by us from time to time to fund our working capital requirements. Accordingly, while the principal amount of our indebtedness will be reduced after the Guaranty Performance Date, our annual interest expense will be higher than it was prior to the effective date of the Plan and our total annual debt service requirements will continue to be substantial and the funds required to satisfy these requirements, which will derive principally from our operating cash flows, will not be available for working capital or to make investments in the future growth and development of our business.

As of March 31, 2004, on a pro forma basis giving effect to our private placement of new senior notes and the application of the net proceeds therefrom as set forth in Use of Proceeds, we would have had approximately \$194.0 million of total indebtedness, including \$3.6 million of secured indebtedness, and our pro forma consolidated annual debt service requirements would have aggregated on such date approximately \$21.1 million. In addition, as of such date and giving effect to such transactions, would have had approximately \$30.0 million of additional secured borrowing availability under our new revolving credit facility. Subject to certain restrictions and limitations in the indenture and in our new revolving credit facility, we may incur additional indebtedness.

Our high level of indebtedness could have important effects on our future operations. For example, it could:

require us to dedicate a substantial portion of our cash flow from operations to interest and principal payments on our indebtedness, thereby reducing the availability of our operating cash flows for other purposes, such as capital expenditures, funding seismic data acquisitions and working capital,

limit our flexibility in planning for, or reacting to, changes in our business and the industry in which we operate,

increase our vulnerability to general adverse economic and industry conditions,

place us at a disadvantage compared to our competitors that have less debt,

expose us to fluctuations in the interest rate environment because the new revolving credit facility is at a variable rate of interest, and

limit our ability to borrow additional funds.

Our ability to make required payments of principal of and interest on borrowings under our new revolving credit facility and in respect of the new senior notes, incur additional indebtedness, and comply with our various debt covenants, will depend primarily on our ability to generate substantial operating cash flows. We expect to obtain the funds necessary to pay our operating and other expenses and principal and interest on the new senior notes, borrowings under our new revolving credit facility and our other indebtedness, from our operating cash flows and, if required, from additional borrowings (to the extent available under our new revolving credit facility and otherwise subject to our borrowing base). Our ability to satisfy our payment obligations, therefore, depends substantially on our future operating and financial performance, which necessarily will be affected by and subject to industry, market, economic and other factors. We will not be able to predict or control many of these factors, such as economic conditions in the markets where we operate and competitive pressures.

If, for any reason, we did not have sufficient funds from operating cash flows, cash and cash equivalents on hand, and borrowings available under our new revolving credit facility to pay principal and interest, when due, on the new senior notes and on our other outstanding debt obligations (including borrowings under the new revolving credit facility), we would be required to seek to refinance all or a portion of our existing debt (including the new senior notes), sell assets or seek to borrow additional funds or raise additional equity capital. We cannot guarantee that we would be able to complete any of the aforementioned refinancing transactions on terms that are commercially reasonable or otherwise acceptable to us, if at all. In addition, the terms of our existing or future agreements governing our indebtedness, including our new revolving credit facility and the indenture governing the new senior notes, presently restrict and in the future would additionally restrict us from implementing these measures and consummating these alternative financing transactions.

Our new revolving credit facility contains covenants requiring us to achieve and maintain certain financial results, and restricts, among other things, the amount of our capital expenditures and our ability to borrow money, grant additional liens on our assets, make particular types of investments and restricted payments, sell our assets, and merge or consolidate. Additionally, the indenture governing the new senior notes will contain covenants that among other things, limit our ability to incur certain additional indebtedness, incur indebtedness that is subordinate to any other indebtedness unless such indebtedness is expressly subordinate to the notes and the guarantees, pay cash dividends or make other cash distributions on or repurchase or redeem for cash our capital stock, make certain investments, sell assets without using the net proceeds thereof as set forth in the indenture, grant and permit certain liens, enter into sale-leaseback transactions, enter into agreements affecting the ability of our restricted subsidiaries to pay dividends, enter into transactions with affiliates, merge, consolidate or sell all or substantially all of our assets, and grant security interests or liens on our assets. Borrowings under the new revolving credit facility will be secured by a first priority, perfected security interest in and lien on all of our U.S. tangible and intangible assets (other than the net proceeds from the sale of the new senior notes and certain additional funds while such funds are in the escrow account described under Description of Indebtedness of Reogtanized Seitel New Senior Notes), and we will pledge to WFF all of the issued and outstanding capital stock of our U.S. subsidiaries. Any default in respect of these covenants could materially and adversely affect our ability to conduct our business in the ordinary course, enter into business transactions and impair our rights under our other commercial agreements.

Please refer to the section of this prospectus titled Description of Indebtedness of Reorganized Seitel for a description of our indebtedness after the effective date of the Plan.

Our business could be adversely affected by low exploration and development spending by oil and gas companies and by low oil and gas prices.

Our business depends upon exploration and development spending by oil and gas companies. Capital expenditures by oil and gas companies depend upon several factors, including actual and forecasted petroleum commodity prices and the companies own short term and strategic plans. These capital expenditures may also be affected by worldwide economic conditions. While we anticipate continued attractive commodity pricing, oil and gas prices may decline in the near future. Low oil and gas prices could result in decreased exploration and development spending by oil and gas companies, which could affect our seismic data business. Any future decline in oil and gas prices or sustained periods of reduced capital expenditures by oil and gas companies could result in an adverse effect on our results of operations and cash flow.

A downturn in the availability of private equity could have a negative impact on the ability of our customers to raise capital necessary to purchase our seismic data which, in turn, could have a material adverse effect on our business.

Many of our customers consist of independent oil and gas companies and private prospect-generating companies that rely primarily on private equity capital to fund their exploration, production, development and field management activities. A significant downturn in the availability of private equity capital could have a material adverse impact on the ability of such companies to obtain funding necessary to purchase our seismic data which, in turn, could have a material adverse effect on our business.

We invest significant amounts of money in acquiring and processing seismic data for our data library with only partial underwriting of the costs by customers.

We invest significant amounts of money in acquiring and processing new seismic data to add to our data library. A portion of these investments are funded by customer underwriters or sponsors, while the remainder is sought to be recovered through future data licensing fees. The amounts of underwriting and sponsorship and of these future data licensing fees are uncertain and depend on a variety of factors, including the market prices of oil and gas, customer demand for seismic data in our library, availability of similar data from competitors and governmental regulations affecting oil and gas exploration. We may not be able to recover all of the costs of or earn any return on such investments. In periods where sales do not meet original expectations, we may be required to record required amortization and/or impairment charges to reduce the carrying value of our data library, which charges may be material to operating results in any period. In addition, timing of the receipt of license fees can vary greatly from period to period. Technological or regulatory changes or other developments could also adversely affect the value of the data.

Because our business is concentrated in the U.S. Gulf Coast and Canada, it could be adversely affected by developments in the oil and gas business that affects these areas.

While we have seismic surveys in other areas, most of the seismic data in our library covers areas along the U.S. Gulf Coast, offshore in the U.S. Gulf of Mexico and in Canada. Because of this geographic concentration, our results of operations could be adversely affected by events relating primarily to one of these regions even if conditions in the oil and gas industry worldwide were favorable.

The amounts we amortize from our data library each period have fluctuated in the past, and these fluctuations may result in future impairment charges which under U.S. GAAP may be material to our results of operations.

We amortize the cost of our seismic data library based, in part, on our estimates of future cash sales of data, excluding non-monetary exchanges and deferred revenue. Changes in estimates of future sales could result in impairment charges. Substantial changes in amortization rates can have a significant effect on our reported results of operations. Additionally, our accounting policy requires that we record amortization of the data library

based on the greater of the income forecast method or the straight-line method over the data s useful life. In the fourth quarter of 2002, we revised the estimated useful life of the seismic data library from ten years to five years for offshore data and from ten years to seven years for onshore data, resulting in additional amortization charges of \$45.7 million in the fourth quarter of 2002. We amortize our seismic data over a seven year period for onshore seismic data and five years for offshore seismic data, however, we believe that the seismic data will continue to generate licensing revenue after such time.

During 2003 and 2002, Seitel recorded impairment charges of \$30.0 million and \$83.0 million, respectively, related to several different components of our data library. Additional impairment charges may also be required in the future based on industry conditions and our results of operations.

Extensive governmental regulation of our business affects our daily operations.

Our operations are subject to a variety of federal, provincial, state, foreign and local laws and regulations, including environmental laws. We invest financial and managerial resources to comply with these laws and related permit requirements. Failure to timely obtain required permits may result in delays in acquiring new data for the data library or cause operating losses. Because these laws and our business may change from time to time, we cannot predict the future cost of complying with these laws, and expenditures to ensure our compliance could be material in the future. Modification of existing laws or regulations or adoption of new laws or regulations limiting exploration or production activities by oil and gas companies could adversely affect us by reducing the demand for our seismic data.

Our competitors may have certain advantages that could adversely affect our operating results.

Competition among geophysical service providers historically has been, and will continue to be, intense. Certain competitors have significantly greater financial and other resources than we do. These larger and better- financed operators could enjoy an advantage over us in a competitive environment for contract awards and data sales and in the development of new technologies.

Our operating results may vary due to circumstances beyond our control.

Our operating results may, in the future, vary in material respects from quarter to quarter. Factors that could cause variations include (1) timing of the receipt and commencement of contracts for data acquisition, (2) our customers budgetary cycles and their effect on the demand for geophysical activities, (3) seasonal factors and (4) the timing of sales and selections of significant geophysical data from our data library, which are not typically made in a linear or consistent pattern. Reduced actual or estimated future sales may result in a requirement to record impairment charges to reduce the carrying value of our data library. Such charges, if required, can be material to operating results in the periods in which they are recorded. For purposes of evaluating potential impairment losses, we estimate the future cash flows attributable to a library component by evaluating historical revenue trends, oil and gas prospectivity in particular regions, general economic conditions affecting our customer base, expected changes in technology and other factors that we deem relevant. The estimation of future cash flows is highly subjective, inherently imprecise and can change materially from period to period based on the factors described in the immediately preceding sentence, among others. Accordingly, if conditions change in the future, we may record further impairment losses relative to our seismic data library, which could be material to any particular reporting period.

We may face risks associated with our foreign revenue generating activities.

Portions of our revenues are derived from our Canadian activities and operations and, as a result, are denominated in Canadian dollars. We therefore will be subject to foreign currency exchange rate risk on cash flows related to sales, expenses, financing and investing transactions in currencies other than the U.S. dollar. Adverse effects from foreign currency fluctuations could negatively affect Reorganized Seitel s results of operations.

We may be unable to attract and retain key employees, which could adversely affect our business.

Our success depends upon attracting and retaining highly skilled geophysical professionals and other technical personnel. A failure to continue to attract and retain such individuals could adversely affect our ability to compete in the geophysical services industry. We may confront significant and potentially adverse competition for key personnel, particularly during periods of increased demand for geophysical services. Our success will also depend to a significant extent upon the abilities and efforts of members of our senior management, the loss of whom could adversely affect our business. Moreover, certain of our senior executive officers have a very limited history of working together and may not be able to develop an effective working relationship. Our president and chief executive officers and our chief financial officer were recently appointed in February 2004 and May 2004, respectively. The failure of our executive officers and management personnel to develop an effective or sustained working relationship could require us to incur additional expenses and devote substantial senior management time and resources to identify qualified replacement personnel.

On the effective date of the Plan, none of our executive officers will have an employment or other retention agreement with us, with the exception of our president and chief executive officer. We cannot be certain that our senior executives will continue to be employed by us for an indefinite period of time after consummation of the Plan and, if they do, how long they will remain so employed. Our inability to attract and retain key personnel could have a material adverse effect on our ability to manage our business properly.

On the effective date of the Plan, our amended and restated certificate of incorporation will provide for a classified board of directors consisting of three classes, with each class of directors serving a staggered term, the first term to expire at our 2005 annual meeting of stockholders.

On the effective date of the Plan, our board of directors will be composed of seven directors divided into three classes, with each class of directors serving a staggered, three-year term. The initial term of the three Class I directors will expire at the 2007 annual meeting of stockholders. The initial term of the three Class II directors will expire at the 2006 annual meeting of stockholders and the initial term of the one Class III director will expire at the 2005 annual meeting of stockholders. Accordingly, we will not hold an annual meeting of stockholders to elect a Class III director until 2005, when the term of the Class III director expires.

We have not independently verified or confirmed any market or industry data used in this prospectus.

Market data and other statistical information used throughout this prospectus are based on independent industry publications, government publications, reports by market research firms or other published independent sources. Some data are also based on our good faith estimates, which are derived from our review of internal surveys, as well as the independent sources listed above. Although we believe these sources are reliable, we have not independently verified the information or any of the data or analyses underlying such information and cannot guarantee its accuracy and completeness in any respect.

CAUTIONARY STATEMENT CONCERNING FORWARD-LOOKING INFORMATION

This prospectus contains forward-looking statements. Statements contained in this prospectus about Reorganized Seitel s future outlook, prospects and plans, including those that express belief, expectation, estimates or intentions, as well as those that are not statements of historical fact, are forward looking. The words may, will, should, could, might, although there can be no assurance, expect, anticipate, plan, estimate, predict, potential or continue, the negative of such terms or other comparable and analogous or synonymous terminology are intended to identify forward-looking statements. Forward-looking statements represent our reasonable belief and are based on our current expectations and assumptions with respect to future events. While we believe our expectations and assumptions are reasonable, they involve risks and uncertainties beyond our control that could cause the actual results or outcome to differ materially from the expected results or outcome. Such factors include:

our ability to abide by the terms of the SEC Injunction,

the impact on our results of operations of the significant amount of debt we will have after the Guaranty Performance Date,

the significant amount of debt service we will have going forward after the Guaranty Performance Date,

any delay or inability to complete the transactions contemplated by the Plan,

our ability to obtain and maintain normal terms with our vendors and service providers,

our ability to maintain contracts that are critical to our operations,

any significant change in the oil and gas industry or the economy generally,

changes in the exploration budgets of our seismic data and related services customers,

actual customer demand for our seismic data and related services,

the timing and extent of changes in commodity prices for natural gas, crude oil and condensate and natural gas liquids and conditions in the capital markets and equity markets during the periods covered by the forward looking statements,

our ability to obtain alternate debt or equity financing on satisfactory terms if internally generated funds are insufficient to fund our capital needs, and

all of the factors in this prospectus appearing under the caption Risk Factors Risks Relating to Us and Our Businesses.

We undertake no obligation to publicly update or revise any forward-looking statements, whether as a result of new information, future events or any other reason. Also note that we provide a cautionary discussion of risks and uncertainties under Risk Factors, beginning on page 12 of this prospectus. All forward-looking statements attributable to Reorganized Seitel or any person acting on its behalf are expressly qualified in their

entirety by the cautionary statements contained or referred to in this prospectus. In light of these risks, uncertainties and assumptions, the forward-looking events discussed in this prospectus may not occur.

DESCRIPTION OF STOCKHOLDER WARRANTS

Under the Plan, in addition to our issuance of shares of reorganized common stock, we will issue to stockholders of record as of June [], 2004, Stockholder Warrants exercisable for 125,000,000 shares of reorganized common stock. We will issue the Stockholder Warrants under a warrant agent agreement dated as of the effective date of the Plan with American Stock Transfer & Trust Company, as Warrant Agent.

General. Each record holder of our common stock as of June [], 2004 will receive such number of Stockholder Warrants which, if exercised in full by such holder, will enable it to retain the same percentage equity ownership in our company immediately prior to the effective date of the Plan, subject to dilution resulting from the exercise of the Standby Purchaser Warrants, and the issuance of up to an additional 5% of our fully diluted shares of reorganized common stock reserved for issuance under our 2004 omnibus stock option plan. Each Stockholder Warrant, when issued, will represent the right to purchase 4.926 shares of reorganized common stock, at an exercise price of 60 cents per share. Each Stockholder Warrant will be exercisable at any time during the period commencing on the effective date of the Plan and ending at 5:00 p.m., New York City time, on July [], 2004. Each Stockholder Warrant that is not exercised before such time will become void and all rights of the holder in respect of such Stockholder Warrant will cease as of such date. Please note that if you do not exercise your Stockholder Warrants in full you will experience substantial dilution in your percentage equity ownership of Reorganized Seitel. Please see Dilution at page 48 for a detailed discussion.

The Stockholder Warrants will be issued in either global form or in definitive, certificated form representing individual warrants. The global warrant will represent such number of the outstanding Stockholder Warrants as specified in the global warrant and will provide that it will represent the aggregate amount of outstanding Stockholder Warrants from time to time endorsed on the global warrant and that the aggregate amount of outstanding Stockholder Warrants from time to time endorsed on the global warrant and that the aggregate amount of outstanding Stockholder Warrants may from time to time be reduced or increased, as appropriate. Any such endorsement will be made by the Warrant Agent and The Depository Trust Company who will be acting as the depository. Upon request, a holder of Stockholder Warrants may receive from the depository and the Warrant Agent separate definitive warrants.

Delivery. On the effective date of the Plan, we will deliver, by first class mail, to the holders of the Stockholder Warrants either a certificate representing the Stockholder Warrants, or notice of such holder s position in a global warrant representing the Stockholder Warrants in the case where such position is held by a broker, bank, depository or other nominee, which notice will include the material terms and conditions and exercise instructions of the Stockholder Warrant and a form of election to purchase.

Undeliverable Stockholder Warrants. If any distribution of a certificate representing the Stockholder Warrants or notice of Stockholder Warrants is returned to us as undeliverable, no further distributions will be made to the holder unless and until we are notified in writing of such holder s then-current address. Generally, such undeliverable distributions will remain in our possession until they become deliverable. The right to exercise any Stockholder Warrant will terminate at 5:00 p.m., New York City time, on July [], 2004, regardless of whether the certificate representing, or notice of, the Stockholder Warrant has been delivered.

Exercise. The Stockholder Warrants will be exercisable by surrendering the following to the warrant agent: (1) the warrant certificate, if any; (2) the form of election to purchase, properly completed and signed, which signature must be guaranteed by an eligible guarantor institution pursuant to SEC rule 17Ad-15, and (3) payment to the warrant agent, by cash, certified check, official bank check or wire transfer, for our account of the aggregate warrant exercise price for the number of shares of reorganized common stock in respect of which such Stockholder Warrants are then exercised.

Upon exercise of any Stockholder Warrants in accordance with the warrant agreement, the warrant agent will deliver or cause to be delivered, in such name as the holder of such Stockholder Warrants may designate in writing, a certificate or certificates for the number of whole shares of reorganized common stock issuable upon exercise of the Stockholder Warrants delivered by such holder for exercise.

If a holder has a warrant certificate and it exercises fewer than all of its Stockholder Warrants evidenced by such warrant certificate, a new warrant certificate will be issued for the remaining number of Stockholder Warrants.

Fractional Shares. We will not issue any fractional shares of reorganized common stock upon the exercise of Stockholder Warrants. If more than one Stockholder Warrant is presented for exercise at the same time by the same holder, the number of full shares of reorganized common stock issuable upon the exercise of such Stockholder Warrants will be computed on the basis of the aggregate number of shares purchasable upon exercise of such Stockholder Warrants. If any fraction of a share of reorganized common stock would otherwise be issuable upon the exercise of any Stockholder Warrants, we will round down to the nearest whole number of shares of reorganized common stock to be issued, and all fractional shares will be cancelled without any payment or other consideration therefor.

Taxes. The holders of Stockholder Warrants will not pay service charges for any exercise, exchange or registration of a transfer of a warrant certificate, and we will pay all documentary stamp taxes attributable to the initial issuance of reorganized common stock upon the exercise of the Stockholder Warrants. However, we are not required to pay any taxes which may be payable upon the issuance of new certificates evidencing the Stockholder Warrants or shares of our reorganized common stock in a name other than that of the registered holder. We will not issue or deliver such new certificates evidencing the Stockholder Warrants or shares of our reorganized common stock unless and until the person requesting the issuance has paid us such tax or established that such tax has been paid.

HOW YOU MAY TRANSFER OR EXCHANGE YOUR STOCKHOLDER WARRANTS

When definitive, certificated Stockholder Warrants are presented to the Warrant Agent with a request to register the transfer of the definitive Stockholder Warrant or to exchange the definitive Stockholder Warrant for an equal number of definitive Stockholder Warrants of other denominations, the Warrant Agent will register the transfer or make the changes requested, provided that the definitive Stockholder Warrants presented or surrendered for registration or transfer or exchange are duly endorsed or accompanied by a written instruction of transfer form satisfactory to the Warrant Agent, duly executed by the holder.

The transfer and exchange of global Stockholder Warrants or beneficial positions in such warrants will be effected through the depository as follows:

Any person having a beneficial position in a global Stockholder Warrant may, upon written request to the Warrant Agent, exchange such beneficial position for a definitive, certificated Stockholder Warrant. Upon receipt by the Warrant Agent of a written instruction or such other form of instructions from the depository or its nominee on behalf of any person having a beneficial position in a global Stockholder Warrant, the Warrant Agent will cause the number of Stockholder Warrants represented by the global Stockholder Warrant to be reduced and, following such reduction, we will execute a definitive Stockholder Warrant.

Definitive Stockholder Warrants issued in exchange for a beneficial position in a global warrant will be registered in such names as the depository will instruct the Warrant Agent.

Upon receipt by the Warrant Agent of a definitive Stockholder Warrant that is not a restricted warrant duly endorsed or accompanied by appropriate instruments of transfer in form satisfactory to the Warrant Agent, together with written instructions directing the Warrant Agent to make or to direct the depositary to make an endorsement on the global Stockholder Warrant to reflect an increase in the number of Stockholder Warrants and shares of reorganized common stock represented by the global Stockholder Warrant, the Warrant Agent will cancel such definitive Stockholder Warrant and cause or direct the depositary to cause in accordance with the standing instructions and procedures existing between the depositary and the Warrant Agent, the number of Stockholder Warrants and shares of reorganized common stock represented by the global Stockholder Warrants are then outstanding, Reorganized Seitel will issue and the Warrant Agent will countersign a new global Stockholder Warrant representing the appropriate number of Stockholder Warrants and shares of reorganized common stock represented by the global Stockholder Warrant are then outstanding. Reorganized Seitel will issue and the Warrant Agent will countersign a new global Stockholder Warrant representing the appropriate number of Stockholder Warrants and shares of reorganized common stock represented by the global Stockholder Warrant.

All requests for transfer and exchange of definitive or global Stockholder Warrants or the surrender and payment upon exercise of definitive warrants or global warrants, as the case may be, may be made as follows:

American Stock Transfer & Trust Company

59 Maiden Lane

New York, New York 10038

Telephone: (718) 921-8200

Attention: Exchange Department

U.S. FEDERAL INCOME TAX CONSIDERATIONS

The following discussion is a summary of the material U.S. federal income tax considerations that relate to the acquisition, ownership and disposition of Stockholder Warrants. It is intended to address only those U.S. federal income tax considerations that are generally relevant to all warrant holders, is not exhaustive of all possible tax considerations and is not tax advice. For example, it does not give a detailed description of any state, local or foreign tax considerations. In addition, the discussion does not purport to deal with all aspects of taxation that may be relevant to a warrant holder subject to special treatment under the federal income tax laws, including, without limitation, insurance companies, pension or other employee benefit plans, financial institutions or broker-dealers, persons holding common stock, preferred stock or warrants as part of a hedging or conversion transaction or straddle, tax-exempt organizations, or foreign corporations and persons who are not citizens or residents of the United States.

The information in this section is based on the Internal Revenue Code of 1986, as amended (the Internal Revenue Code), regulations of the Treasury Department in effect on the date hereof, current administrative interpretations and positions of the Internal Revenue Service and existing court decisions. It is possible that future legislation, regulations, administrative interpretations and court decisions could significantly change, perhaps retroactively, the law on which the following discussion is based. Even if there is no change in applicable law, the statements set forth in this discussion could still be challenged by the Internal Revenue Service or will be sustained by a court if so challenged.

We urge you to consult your own tax advisors as to any federal, state, local, foreign or other tax consequences associated with the purchase, ownership and disposition of stockholder warrants, in light of your personal investment circumstances.

Tax Considerations for Holders of Stockholder Warrants

Basis Allocation and Holding Period. If the Stockholder Warrants are received as part of a nontaxable distribution, you will allocate your basis in our common stock between our reorganized common stock and the Stockholder Warrants in proportion to their fair market values on the date of the distribution. Your holding period for the Stockholder Warrants will include the holding period of the shares of common stock exchanged. If the Stockholder Warrants are received as part of a taxable distribution, your tax basis will be the fair market value of such Stockholder Warrants on the date of distribution, and your holding period for the Stockholder Warrants will begin on the date of the distribution.

Sale or Other Taxable Disposition. Upon the sale or other taxable disposition of a Stockholder Warrant, you generally will recognize gain or loss in an amount equal to the difference between the amount of cash and the fair market value of property received for the Stockholder Warrant and your tax basis in the Stockholder Warrant.

Exercise. The exercise of a Stockholder Warrant for cash will not be a taxable event to you. Upon such exercise, your tax basis in the shares of reorganized common stock obtained will be equal to the sum of your tax basis in the Stockholder Warrant and the exercise price of the Stockholder Warrant. Your holding period with respect to reorganized common stock will commence on the day the Stockholder Warrant is exercised.

Expiration/Lapse. In the case of a Stockholder Warrant received in a nontaxable recapitalization, if such Stockholder Warrant expires without being exercised, you would recognize a loss equal to your tax basis in the Stockholder Warrant. In the case of a Stockholder Warrant received in a nontaxable distribution under Section 305 of the Internal Revenue Code, if such Stockholder Warrant expires without being exercised, you

would not recognize a loss. Furthermore, the basis that had been allocated to the Stockholder Warrant should revert to the shares of reorganized common stock in respect of which the Stockholder Warrant was issued. In the case of a Stockholder Warrant received in a taxable distribution under Section 305 of the Internal Revenue Code, if such Stockholder Warrant expires without being exercised, you would recognize a loss equal to your tax basis in the Stockholder Warrant.

Information Reporting and Backup Withholding

Information reporting and backup withholding may apply with respect to payments of dividends on Stockholder Warrants and to certain payments of proceeds on the sale, redemption or other taxable disposition of Stockholder Warrants. Such payments will be subject to backup withholding at a rate of 28% until December 31, 2010 unless the beneficial owner of such Stockholder Warrant furnishes the payor or its agent with a taxpayer identification number, certified under penalties of perjury, and certain other information, or otherwise establishes, in the manner prescribed by law, an exemption from backup withholding. In addition, if the Stockholder Warrants are sold to or through a broker, the broker may be required to withhold such percentage of the entire sales price, unless either the broker determines that the seller is a corporation or other to the Internal Revenue Service, unless the broker determines that the seller is an exempt recipient. The term broker as defined by Treasury Department regulations includes all persons who, in the ordinary course of their business, stand ready to effect sales made by others.

Backup withholding is not an additional tax. Any amount withheld under the backup withholding rules from a payment to you is allowable as a credit against your U.S. federal income tax, which may entitle you to a refund, provided that you furnish the required information to the Internal Revenue Service. In addition, certain penalties may be imposed by the Internal Revenue Service on a holder who is required to supply information but does not do so in the proper manner.

OUR FINANCIAL ADVISOR

We have engaged Jefferies & Company, Inc. (Jefferies) to act as our financial advisor in connection with the transactions contemplated by the Plan and as exclusive dealer-manager in connection with this offering, under an engagement letter as amended and restated on February 3, 2004. The engagement letter has been approved by the bankruptcy court. In connection with its role as financial advisor, Jefferies has agreed to perform the following financial advisory services, among others, for us: (1) assist and advise us in implementing the Plan, (2) assist and advise us in evaluating and analyzing the value of our securities that may be issued under the Plan and (3) render such other financial advisory services as may from time to time be agreed upon by us including acting as dealer-manager in connection with this offering. As compensation for financial advisory services rendered by Jefferies, we have agreed to pay Jefferies: (1) \$100,000 upon execution of the engagement letter for a fairness opinion previously delivered by Jefferies to us, (2) a monthly retainer commencing in November 2003 equal to \$125,000 per month through the term of the engagement (which will be credited against the fees in the following clause (3)), (3) \$2,500,000 upon entry of a final order of confirmation of the Plan and the occurrence of the Guaranty Performance Date, (4) not less than 30% of the aggregate fees paid in connection with new senior notes, (5) in exchange for acting as exclusive dealer-manager in connection with this offering, a fee equal to 1.375% of the gross proceeds of this offering (or \$1,031,250), and (6) all fees, disbursements and reasonable out-of-pocket expenditures incurred by Jefferies in connection with its financial advisory services. We have agreed to indemnify Jefferies and its affiliates for certain losses, claims, damages and penalties incurred by Jefferies in connection with its financial advisory services, except for losses based solely upon the bad faith or gross negligence of Jefferies.



THE STANDBY PURCHASE GUARANTY

To ensure that we receive gross cash proceeds of \$75 million if the Stockholder Warrants are not exercised in full prior to their expiration, the Standby Purchasers will purchase on the Guaranty Performance Date, at 60 cents per share, all shares of reorganized common stock not purchased upon the exercise of the Stockholder Warrants. All of the securities of our company that the Standby Purchasers will receive under the terms of the Plan will be subject to restrictions on transfer under the Securities Act. Accordingly, such securities may only be transferred or sold by the Standby Purchasers pursuant to an effective registration statement under the Securities Act or in a transaction exempt from the registration requirements of the Securities Act. None of such securities can be resold by the Standby Purchasers by means or use of this prospectus. We have provided the Standby Purchasers with certain registration rights to enable the Standby Purchasers to transfer and sell their securities after the Guaranty Performance Date. See Registration Rights below.

As compensation for their obligation to act as Standby Purchasers, we will issue to them on the Guaranty Performance Date Standby Purchaser Warrants to purchase 15,037,568 shares (or, on a fully diluted basis, 9.10%) of our reorganized common stock. The Standby Purchaser Warrants will be exercisable until the seventh anniversary of the Guaranty Performance Date at an initial exercise price of 72 cents per share, subject to adjustment upon the occurrence of certain events.

As further assurance that we will have available for disbursement to creditors on the Guaranty Performance Date as required under the Plan not less than \$75 million of gross cash proceeds (before deducting the expenses of this offering payable by us, which presently are estimated to be approximately \$2.9 million), Mellon HBV has agreed to obtain as account beneficiary, but at our expense, not later than the third business day after the effective date of the Plan, an irrevocable standby letter of credit to secure the Standby Purchasers obligations.

The following table sets forth the names of each Standby Purchaser, its percentage of the total standby purchase obligation, the maximum dollar amount of its individual obligation, the maximum number of shares of reorganized common stock it would be required to purchase thereunder (assuming none of the Stockholder Warrants are exercised) and the number of Standby Purchaser Warrants it will receive.

Standby Purchaser(1)	Percentage of Total Standby Purchase Obligation	Maximum Dollar Amount of Standby Purchase Obligation	Maximum Shares to be Purchased under Standby Purchase Agreement	Number of Standby Purchaser Warrants to be Received
Mellon HBV Master Multi-Strategy				
Fund L.P.	74.9589%	\$ 56,219,219	93,698,698	11,272,004
Mellon HBV Master Rediscovered				
Opportunities Fund L.P.	7.8269%	5,870,172	9,783,620	1,176,975
Distressed Recovery Master Fund				
Ltd.	6.7059%	5,029,429	8,382,382	1,008,405
Mellon HBV Special Situations Fund				
L.P.	5.3053%	3,978,979	6,631,632	797,789
Mellon HBV Capital Partners L.P.	3.6076%	2,705,706	4,509,510	542,496
HFR DS Performance Master Trust	0.8929%	669,646	1,116,077	134,265
Axis-RDO Limited	0.7025%	526,849	878,081	105,634
Mellon HBV Alternative Strategies				
LLC	100.0000%	\$ 75,000,000	125,000,000	15,037,568

(1) Please see Security Ownership of Certain Beneficial Owners and Management for a description of the relationship among the Standby Purchasers.

Registration Rights

We will enter into a registration rights agreement with the Standby Purchasers on the effective date of the Plan granting two demand registration rights and unlimited piggy-back registration rights to enable them to resell without restriction under the Securities Act (1) all of the shares of reorganized common stock sold to them upon exercise of their Stockholder Warrants, and all shares of reorganized common stock issued to them under the Plan in their capacity as stockholders of our company as of June [], 2004, and (2) all shares of reorganized common stock purchased by them in their standby purchase capacity, if any, and all Standby Purchaser Warrants (and underlying shares of reorganized common stock) to be issued to them on the Guaranty Performance Date as compensation for their standby purchase obligation. A registration demand will not qualify as such unless made by the holders of at least 10% of the reorganized common stock constituting registrable securities and unless at least 10% of the registration statement. Such registrations are subject to various conditions as well as customary and reasonable black-out periods, holdback, and cut-back provisions. We will pay all fees and expenses for any demand registration, including the cost of one firm of special counsel to the Standby Purchasers. The Standby Purchasers will pay for their respective costs and expenses related to any piggyback registration in which they participate.

Reimbursement of Expenses and Indemnification

We have agreed to reimburse the Standby Purchasers for reasonable fees and expenses incurred by or on behalf of the Standby Purchasers in connection with their standby purchase obligation. As of the date of this prospectus, we have advanced \$500,000 to Mellon HBV to be used to pay such fees and expenses. We have been authorized to pay all fees and expenses due and payable to the Standby Purchasers as of the Guaranty

Performance Date.

We have also agreed to indemnify the Standby Purchasers, and their respective affiliates, directors, officers, partners, members, employees, agents and assignees (including affiliates thereof) from and against any and all losses, claims, damages, liabilities or other expenses to which such persons may become subject arising out of or in any way relating to or resulting from their standby purchase obligation.

THE PLAN OF REORGANIZATION

Events Preceding Our Chapter 11 Cases

In February 2002, we re-evaluated the application of the SEC s Staff Accounting Bulletin No. 101, to our core business of seismic data licensing and our revenue recognition policies under certain types of contracts for the creation of new seismic surveys. This process resulted in our determination that it was appropriate to change our revenue recognition policies for transactions for seismic data licensing and for certain data creation contracts. As a result of this decision, in our audited financial statements and public filings, we restated our results of operations for the nine months ended September 30, 2001 and for the year ended December 31, 2000. The restatement reduced our previously reported revenue by \$42.7 million and our net income by \$14.4 million for the nine months ended September 30, 2001, and reduced our previously reported revenue by \$25.5 million and our net income by \$22.9 million for the year ended December 31, 2000. See Management Discussion and Analysis of Financial Condition and Results of Operations included elsewhere in this prospectus.

The restatement had no effect on the amount or timing of cash received by us and our subsidiaries during those periods. The effect of the restatement was to defer revenue previously recognized under certain seismic data licensing agreements until selection of specific data was made by the customer. The restatement also resulted in adjustments to the amount and timing of revenue previously recognized under certain data acquisition contracts. In these cases, it was determined that revenue previously recognized for amounts funded by customers under certain data acquisition contracts should be used to reduce the recorded cost of creating the seismic data. The restatement resulted in the commencement against us and certain of our current and former senior executive officers and directors of securities class actions and stockholder derivative actions. The restatement, coupled with poor financial results in the first quarter of 2002, resulted in our covenant default in respect of \$255 million in principal amount of our senior unsecured notes. These senior unsecured notes were issued by us between 1995 to 2001 to various institutions (principally national insurance companies) and were guaranteed by 16 of our direct and indirect subsidiaries.

After such default, we and substantially all of our U.S. subsidiaries (collectively, the debtors), negotiated a series of standstill agreements with the initial holders of the senior unsecured notes while the parties negotiated a restructuring. The standstill agreements provided for an increase of 25 basis points on the interest due under the senior unsecured notes from June 21, 2002 through and including June 2, 2003. Additionally, we paid all outstanding interest accrued as of August 2, 2002 under the old senior unsecured notes totaling \$7.1 million. Through and including April 2003, the debtors made monthly interest payments to the initial holders of the senior unsecured notes totaling approximately \$1.6 million per month.

While these negotiations were pending, we designed and implemented enhanced internal controls, procedures and processes. Our board of directors named a new, independent director in the second quarter of 2002. Subsequently, our then chief executive officer and chief financial officer were terminated for cause, and new senior executive management was appointed by our then-standing board. As part of this process, we retained financial advisors to assist in evaluating employee compensation, accounting and accounting practices, budgeting and fiduciary reporting and performing forensic accounting, restructuring and litigation support.

In December 2002, after allegations arose regarding the actions of certain of our former officers, we became the subject of a formal investigation by the SEC s Division of Enforcement (the Enforcement Division). We were also notified by the Enforcement Division that it intended to recommend that the SEC initiate enforcement proceedings against us for alleged books and records and internal control violations. We cooperated fully with the SEC during the course of its investigation, and on May 16, 2003, we reached a consensual resolution of the SEC s civil complaint, resulting in its consent to a final judgment of permanent injunction being entered against us on June 16, 2003 in the United States District Court for the Southern District of Texas, Houston Division. The agreement for the entry of the SEC Injunction was without admission or denial of the allegations in the SEC complaint, which had alleged violations of the reporting, books and records, internal controls and proxy

statement sections and regulations of and under the Exchange Act. In determining to enter into the agreement, the SEC took into consideration the fact that we promptly had undertaken remedial action and fully cooperated with the SEC staff.

We and the initial holders of the senior unsecured notes, through their steering committee, engaged in months of negotiations over the terms of the financial restructuring of the senior unsecured notes. In late May 2003, various issues became the subject of disagreement, and negotiations with the initial noteholders reached an impasse. Also, in late May 2003, several of the initial holders of senior unsecured notes sold their senior unsecured notes at a substantial discount to Ranch Capital L.L.C.(Ranch). Following these transactions, the negotiations with the initial holders of the senior unsecured notes deteriorated, and we determined as of May 30, 2003 not to seek a further extension of the standstill agreement previously entered into with such holders.

On June 6, 2003, certain of the remaining initial holders of senior unsecured notes filed involuntary chapter 11 petitions against us and 16 of our direct and indirect subsidiaries that guaranteed the senior unsecured notes. After the involuntary cases were commenced, each of the petitioning creditors sold its senior unsecured notes to Ranch. As a result of the sales of the senior unsecured notes by the initial holders in May and June of 2003, Ranch owned all \$255 million principal amount of senior unsecured notes, plus accrued interest, representing more than 99% in principal amount, as well as most of the unsecured claims in the involuntary cases. Ranch subsequently transferred these senior unsecured notes to Berkshire Hathaway Inc. (Berkshire). On July 21, 2003, we filed voluntary petitions for relief under chapter 11 of the Bankruptcy Code. On July 25, 2003, the involuntary cases were dismissed.

Commencement of the Chapter 11 Cases

On July 21, 2003 (the petition date), the debtors filed voluntary petitions for relief under chapter 11 of the, United States Bankruptcy Code in the United States Bankruptcy Court for the District of Delaware (Chapter 11 Case No. 03-12227 (PJW) (Jointly Administered)), and on July 22, 2003 filed their joint plan of reorganization. Since the petition date, the debtors have continued to operate their businesses and manage their properties as debtors-in-possession under Sections 1107(a) and 1108 of the Bankruptcy Code, and we have continued to timely file all periodic reports and other information prescribed by the Exchange Act. No trustee has been appointed in the chapter 11 cases.

As successor to the petitioning creditors, Berkshire and the debtors agreed that pursuit of a reorganization through the chapter 11 cases was preferable to continuing the involuntary cases, which involved only certain debtors and which was filed by the petitioning creditors who no longer had an interest in the debtors or their reorganization. In furtherance of the chapter 11 cases, the debtors and Berkshire filed a joint motion to dismiss the involuntary cases, which was granted by the bankruptcy court on July 25, 2003. On August 11, 2003, the United States trustee appointed the Official Equity Committee to represent and protect the economic and other interests of our common stockholders in connection with the negotiation and formulation of a chapter 11 plan of reorganization. The members of the Official Equity Committee are Tanaka Capital, Bruce Galloway IRA, Charles Mouquin and Weber Systems, Inc. Charles Mouquin has been designated by the Official Equity Committee as a director of Reorganized Seitel commencing on the effective date of the Plan. There are no other affiliations between us and the members of the Official Equity Committee.

On the petition date, the debtors sought, and thereafter obtained, authority to take a broad range of actions, including to honor and perform under their pre-petition customer data agreements and to promote a business as usual atmosphere with customers and employees. This relief was essential to minimize disruptions to the debtors businesses as a result of the commencement of the chapter 11 cases and to assure their customers that the data license agreements for selection of seismic data would be honored pending confirmation of a plan. Additionally, other first day orders were obtained, including authority to pay certain, limited pre-petition employee wages and benefits, providing adequate assurance of future payments to utility companies, continued use of cash management systems, payment of pre-petition sales and use taxes and appointment of a claims and balloting agent.

By order dated September 22, 2003, the bankruptcy court approved a \$20 million debtor-in-possession loan facility from WFF, subject to certain conditions (the DIP Facility).

On October 6, 2003, the debtors filed their first amended joint plan of reorganization, which superseded the initial joint plan of reorganization. The disclosure statement relating to the first amended joint plan of reorganization was approved upon notice, and a hearing to consider confirmation of the first amended joint plan of reorganization was scheduled in the bankruptcy court for November 4, 2003. The first amended joint plan of reorganization was scheduled in the bankruptcy court for November 4, 2003. The first amended joint plan of reorganization provided, among other things, for the payment of \$10.15 million in the aggregate (or 40 cents per share) to holders of our common stock in exchange for the cancellation of their interests in our common stock, and the issuance of 100% of our reorganized common stock in exchange for approximately \$195 million in cash. Such cash was intended to pay all allowed claims (including claims evidenced by our senior unsecured notes) under the first amended joint plan of reorganization at the rate provided in the plan and to fund the \$10.15 million payment to holders of our common stock in exchange for the cancellation. In October 2003, our stockholders voted to reject the first amended joint plan of reorganization.

On October 27, 2003, the Official Equity Committee moved to adjourn the bankruptcy court hearing to consider confirmation of the first amended joint plan of reorganization and to terminate the debtors statutory exclusivity period. Following a hearing, the bankruptcy court ordered the termination of the debtors exclusivity period, and on November 6, 2003 the Official Equity Committee filed with the bankruptcy court its own proposed, initial plan of reorganization (the Committee Plan) which, among other things, provided for (1) the issuance of 100% of reorganized common stock to the holders of our common stock, subject to dilution pursuant to a warrant subscription offering to be made to such holders, (2) an equity contribution of \$40 million pursuant to a warrant offering, and (3) the reinstatement, in full, of all indebtedness evidenced by our senior unsecured notes, in each case on the effective date of the Committee Plan. The payment of all outstanding principal of and interest on the reinstated senior unsecured notes was to be funded from Reorganized Seitel s future operating cash flows and the equity contribution resulting from the exercise of warrants in the warrant offering. The debtors and the holders of senior unsecured notes objected to the Committee Plan on the basis, among others, that the Committee Plan was not feasible within the meaning of Section 1129 of the Bankruptcy Code.

The Plan

The debtors continued to pursue confirmation of their first amended joint plan of reorganization and filed a motion in the bankruptcy court on December 4, 2003 to implement auction procedures in support of such confirmation. At or about that time, the debtors, the holders of the senior unsecured notes and the Official Equity Committee commenced discussions with respect to the formulation and implementation of an alternative, consensual chapter 11 plan of reorganization intended to result in a transaction that would satisfy and address the claims and equity interests of all the debtors creditors and stockholders.

On January 17, 2004, following months of negotiations among all relevant parties-in-interest and plan financing sources, the debtors filed with the bankruptcy court the Plan, which subsequently was amended on February 5, 2004. The Plan was agreed to by the Official Equity Committee, which furnished in writing to all holders of our common stock its recommendation to vote to accept the Plan. Similarly, Berkshire and Ranch, the holders of \$255 million aggregate outstanding principal amount of our senior unsecured notes (and Seitel s largest creditors), agreed to vote for, support, and not take any action inconsistent with, the Plan. In addition to Berkshire and Ranch, the Plan was accepted by the holders of more than 99.6% of the shares of Seitel s common stock which voted on the Plan. On March 18, 2004, the bankruptcy court entered an order confirming the Plan.

The Plan provides for a sequence of interdependent corporate and securities transactions, including this offering. The Plan provides that as of the effective date thereof:

All 25,375,683 outstanding shares of our common stock will be cancelled and, without any action on the part of the holders of such shares, such shares automatically will be converted into the right to receive and be exchanged for:

25,375,683 shares of our reorganized common stock, representing all of our outstanding shares of reorganized common stock on the effective date of the Plan, and

Stockholder Warrants to purchase 125,000,000 shares of our reorganized common stock, representing approximately 83.13% of our outstanding shares of reorganized common stock on a fully diluted basis, without giving effect to (1) the exercise of the Standby Purchaser Warrants and (2) the issuance of shares of reorganized common stock reserved for issuance under our 2004 omnibus stock option plan.

Net proceeds from our private placement of new senior notes due 2012 will be placed in escrow, together with additional cash sufficient to effect the special mandatory redemption of the new senior notes at a price equal to 101% of the principal amount thereof, plus accrued and unpaid interest, if any, to the date of special mandatory redemption, pending the release from escrow of such funds on the Guaranty Performance Date.

A revolving loan commitment of \$30 million, subject to borrowing base limitations, under our new revolving credit facility with WFF will be made available to us for borrowing.

We must have on hand cash and cash equivalents of not less than \$35 million available to pay allowed creditors claims required under the Plan, to the extent necessary.

The registration statement, of which this prospectus is a part, must be declared effective by the SEC.

Treatment of Pre-Petition Claims

The Plan provides that on the Guaranty Performance Date, all of our outstanding allowed pre-petition claims will be fully paid, in cash, together with post-petition (non-default rate) interest thereon. Total payments to creditors required, and administrative expenses anticipated, to be paid under the Plan on the Guaranty Performance Date are expected to aggregate approximately \$304.9 million. Claims to be reinstated under the Plan in the amount of approximately \$1.1 million (estimated as of July 27, 2004 and including intercompany claims) will not be paid under the Plan. The face amount of claims asserted in the chapter 11 cases and subject to objection (i.e., disputed claims) total approximately \$25.0 million. These disputed claims, including claims filed without asserting a liquidated claim amount, will not be so paid under the Plan until an order of the bankruptcy court determines their allowance or disallowance, and if allowed, sets the amount and classification thereof. We are currently in the process of litigating certain disputed claims and attempting to resolve such disputed claims for amounts less than the face amount filed with the bankruptcy court.

The Plan provides that claims against Seitel will be treated as follows:

	Dollar Amount of Claim		
Class of Claim	(estimated through July 27, 2004)	Treatment	
Administrative Claims (Unclassified)	\$15,531,000	Paid in full in cash on the effective date of the Plan.	
Priority Tax Claims (Unclassified)	\$520,000	Paid in full in cash on the effective date of the Plan.	
Debtor-in-Possession Financing Claims (Unclassified)		Paid in full in cash including unpaid principal, accrued but unpaid interest and attorneys fees and costs, on the effective date of the Plan.	
Class 1: Other Priority Claims (Other Priority Claims are priority claims other than priority tax or administrative expense claims.)		Paid in full in cash on the effective date of the Plan, together with interest at the contract rate and fees and costs as may be required by contract.	
Class 2: Harney Secured Claim (Harney Secured Claim is defined to be the claim held by Harney Investment Trust, an affiliate of Berkshire, in the original principal amount of \$10 million, and in the estimated allowed amount of \$5.7 million.)	\$5,669,000	Paid in full in cash on the effective date of the Plan, together with interest at the contract rate and fees and costs as may be required by contract. (See Business Legal Proceedings)	
Class 2A: Other Secured Claims (Other Secured Claims are all secured claims other than the Harney Secured Claim; none are known.)		Reinstated (if any)	
Class 3: Unsecured Claims	\$283,199,000	Paid in full in cash with interest at the (non-default) contract rate (or the federal judgment rate, if no contract exists) together with fees and expenses as may be required by contract, not later than the Guaranty Performance Date.	
Class 4: Pearlman Claims	\$430,000	Paid pursuant to prior agreement set forth in the Plan.(1)	
(Pearlman Claims are those claims of Herbert Pearlman, former chairman of the board of Seitel.)		·	
Class 5: Securities Claims		Treated pursuant to a previous court-approved settlement. (see Business Legal Proceedings)	
(Securities Claims are those claims arising in connection with the issuance, purchase, or sale of securities of Seitel.)			

Dollar Amount

of Claim

Class of Claim	(estimated through July 27, 2004)	Treatment
Class 6: Seitel s common stock		Holders of Seitel s common stock as of June [], 2004 will retain 100% equity interest in Reorganized Seitel, subject to dilution. See Dilution.
Class 7: Subsidiary Equity Interests		Cancelled
(Subsidiary Equity Interests are those interests in the debtors (other than those of Seitel) issued or outstanding immediately before the effective date of the Plan.)		
Class 8: Pre-Petition Warrants		Cancelled
(Pre-Petition Warrants are all authorized, unissued shares of Seitel s common stock, including all warrants, options, and contract rights to purchase or acquire Seitel s common stock at any time.)		
Class 9: Inter-Company Claims	\$668,000	Reinstated
(Inter-Company Claims are claims between the debtors and/or between any debtor and a non-debtor affiliate.)		
(1) We instituted an action against Mr. Pearlman seeking a declar counterclaims. On May 9, 2003, this litigation was settled. Th out-of-pocket costs and expenses and an initial payment of \$1 in the amount of \$735,000 payable in equal installments over Seitel.	e settlement agreement provided for million, both of which have been p	r payment to Mr. Pearlman of \$485,000 for certain aid, and a non-interest bearing note issued to Mr. Pearlman
The Plan by its terms provides that the treatment afforded to for and in exchange for such creditors claims and stockho		n full satisfaction, settlement, release and discharge

Payments to creditors under the Plan will be funded primarily utilizing the following:

net cash payments received by us upon exercise of the Stockholder Warrants prior to their expiration on July [], 2004,

to the extent the Stockholder Warrants are not exercised, in full, prior to their expiration, the net proceeds from the sale of shares of our reorganized common stock to the Standby Purchasers on the Guaranty Performance Date,

the net proceeds from our private placement of new senior notes, which, together with additional funds, will be deposited into escrow on the effective date of the Plan pending release and use thereof on the Guaranty Performance Date as described herein under Description of Indebtedness of Reorganized Seitel New Senior Notes,

borrowings under our new revolving credit facility with WFF, and

cash and cash equivalents on hand.

Please see Use of Proceeds, Management s Discussion and Analysis of Financial Condition and Results of Operations Liquidity and Capital Resources Financing Activities and Description of Certain Other Indebtedness The New Revolving Credit Facility.

The net proceeds from our private placement of new senior notes, together with an additional amount of cash sufficient to effect the special mandatory redemption of the new senior notes described below, will be deposited with the indenture trustee, in its capacity as escrow agent, pursuant to an escrow agreement to be entered into on the original issue date of the notes (the Issue Date). The escrow agreement will provide that such escrowed funds will be released (the Release) on the Guaranty Performance Date to partially fund the payment of allowed creditors claims required under the Plan.

If certain conditions precedent to the Release from escrow of such funds (described under Description of Indebtedness of Reorganized Seitel New Senior Notes) do not occur on or prior to _______, 2004, the 75th day after the Issue Date, the escrowed funds will not be used to fund creditors payments required under the Plan, but instead will be used to fund the special mandatory redemption of all outstanding notes at a cash redemption price equal to 101% of the principal amount thereof, plus accrued and unpaid interest, if any, to the date of special mandatory redemption.

For the limited escrow period described above, the notes will be secured by a first priority lien on and security interest in the escrowed funds, but the notes otherwise will constitute unsecured debt obligations. See Description of the Indebtedness of Reorganized Seitel New Senior Notes.

Effectiveness of the Plan

The effective date of the Plan is anticipated to occur on June 24, 2004 or as soon as practicable thereafter. The Plan will not become effective unless and until the following conditions have occurred:

the net proceeds from our private placement of new senior notes, together with additional cash sufficient to effect the special mandatory redemption of the new senior notes, are deposited in the escrow account referred to above, pending the Release from escrow of such funds on the Guaranty Performance Date,

a revolving loan commitment of \$30 million, subject to borrowing base limitations, under our new revolving credit facility with WFF is made available to us for borrowing,

the registration statement, of which this prospectus is a part, is declared effective by the SEC, and no stop order has been issued in respect thereof,

our initial board of directors, to be appointed on the effective date of the Plan, is appointed as set forth in the Plan and each director has agreed to serve as director of Reorganized Seitel,

we have on hand as of the effective date of the Plan cash and cash equivalents of not less than \$35 million available to pay allowed creditors claims required under the Plan, to the extent necessary, and

the effective date of the Plan occurs on or prior to July 31, 2004.

Seitel, with the consent of the Official Equity Committee and the Standby Purchasers and in certain cases, Berkshire and Ranch (which consent will not unreasonably be withheld), may waive any of the conditions set forth above, at any time, without notice, without leave or order of the bankruptcy court, and without any formal action other than proceeding to consummate the Plan.

Implementation of the Plan

Continued Corporate Existence and Vesting of Assets in the Reorganized Debtors

The reorganized debtors will continue their separate corporate existences on and after the effective date of the Plan, with all express, incidental and attendant powers granted to them under their respective organizational instruments and the laws of the respective states of their organization and without prejudice to any right thereafter to alter or terminate such existence (whether by contract, operation of law or otherwise) under such applicable state law. Some or all of the debtors with no assets, as may be designated in the plan supplement, may be dissolved as of the effective date of the Plan without further action and the confirmation order may serve as an order dissolving such debtors.

Revesting of Assets

The property of the estates of the debtors will vest in the reorganized debtors on the effective date of the Plan free and clear of all claims, liens, charges or other encumbrances and equity interests (other than the reorganized common stock and new subsidiary equity interests), provided, however, that the liens incurred as a result of debtor-in-possession financing will remain on the debtors assets until the debtor-in-possession financing claims have been indefeasibly paid in full as provided in the Plan and will thereupon be released. On and after the effective date of the Plan, the reorganized debtors may operate their businesses and may use, acquire, or dispose of property and compromise or settle any claims or equity interests, without supervision or approval by the bankruptcy court and free of any restrictions of the Bankruptcy Code or Bankruptcy Rules, other than those restrictions expressly imposed by the Plan and the confirmation order.

Assumption or Rejection of Executory Contracts and Unexpired Leases

As of the effective date of the Plan, the customer data license agreements, the directors and officers insurance policies, various policies providing for insurance coverage of the debtors and the employment agreement with our chairman and our chief executive officer will have been deemed assumed by Reorganized Seitel in accordance with the provisions and requirements of Sections 365 and 1123 of the Bankruptcy Code, except any such customer data license agreements, directors and officers insurance policies and policies providing for insurance coverage that (1) have been rejected by order of the bankruptcy court, (2) are the subject of a motion to reject pending on the effective date of the Plan (which will thereafter be rejected, or otherwise treated in accordance with orders disposing of such motions), (3) are identified on a list filed by the reorganized debtors on or before the confirmation date of the Plan as to be rejected or (4) are rejected pursuant to the terms of the Plan. Entry of the confirmation order by the bankruptcy court will constitute approval of such assumptions and rejections pursuant to Sections 365(a) and 1123 of the Bankruptcy Code.

Claims Based on Rejection of Executory Contracts

All proofs of claim with respect to claims arising from the rejection of executory contracts or unexpired leases, if any must be filed within 30 days after the date of entry of an order of the bankruptcy court approving such rejection. Any claims arising from the rejection of an executory contract or unexpired lease not filed within such time will be forever barred from assertion against the debtors.

Limited Indemnification of Directors, Officers and Employees

The obligations of the debtors to indemnify any person serving at any time on or prior to the effective date of the Plan as one of its directors, officers or employees by reason of such person's service in such capacity, or as a director, officer or employee of any other corporation or legal entity, to the extent provided in any debtor's constituent documents or by a written agreement with the debtors or the Delaware General Corporation Law, will be deemed assumed by the reorganized debtors pursuant to the Plan and Section 365 of the Bankruptcy Code as of the effective date of the Plan to the limited extent of the obligation to defend against claims that are not securities claims. The debtors' obligations, if any, to defend securities claims or to satisfy any judgment or liability of any such person on account of any securities claim will be a Class 5 securities claim. The debtors' obligation, if any, to indemnify any such person with respect to any liability with respect to any claim or cause of action that arose prior to July 21, 2003 will not be assumed and will be deemed satisfied by the assumption of the obligation to defend, except as set forth in Section 10.4(a) of the Plan. The Debtors' existing directors' and officers' insurance coverage will be assumed and maintained in effect (as set forth in Section 6.1(a) of the Plan). Accordingly, the limited indemnification obligations to defend described above as assumed will survive unimpaired and unaffected by entry of the confirmation order, irrespective of whether such indemnification is owed for an act or event occurring before or after the petition date, but all other indemnification obligations that arose before the petition date will be discharged. All

indemnification obligations based on any fact or circumstance first arising after the petition date is part of the directors , officers and employees administrative compensation claim and therefore, will be assumed and honored after the effective date of the Plan.

Releases and Exculpation

In consideration of the contributions of certain parties to the chapter 11 cases, including the restructuring of the debtors as provided in the Plan and the waiver by certain parties of rights they might otherwise seek to assert against the debtors, the Plan provides for certain waivers, exculpations, releases and injunctions by the debtors to the Standby Purchasers, the Official Equity Committee and officers, directors and employees, among others.

As of the effective date of the Plan, the debtors and the parties released from liability under the Plan, including their officers, directors and employees, and their respective advisors, attorneys, agents or any professionals retained by them will neither have nor incur any liability to, nor be subject to any right of action by, any person or entity for any action taken or omitted to be taken in conjunction with or related to the formulation, preparation, dissemination, implementation, administration, confirmation or effectiveness of the Plan or the related disclosure statement.

Benefit Program

Except as otherwise expressly provided in the Plan or by separate motion, all programs of the debtors applicable to its current employees with respect to 401(k) plans, health care plans, disability insurance plans, life insurance plans, accidental death and dismemberment insurance plans, vacation allowances and educational reimbursement plans are treated as executory contracts under the Plan and on the effective date of the Plan will be assumed pursuant to the provisions of Sections 365 and 1123 of the Bankruptcy Code, provided, however, that any plan or program that requires the issuance of any equity interests or any reorganized common stock will not be assumed except as specifically may be provided in the Plan.

Issuance of Reorganized Common Stock on Effective Date of the Plan

On the effective date of the Plan, all 25,375,683 outstanding shares of our common stock will be cancelled, and holders of such shares will receive 25,375,683 shares of our reorganized common stock, representing all of the issued and outstanding shares of reorganized common stock on the effective date of the Plan, without giving effect to (1) the exercise of the Stockholder Warrants and, to the extent the Stockholder Warrants are not exercised, in full, before they expire on July [], 2004, our sale to the Standby Purchasers on the Guaranty Performance Date of all shares of our reorganized common stock not sold upon such exercise, (2) the exercise of Standby Purchaser Warrants and (3) the issuance of up to 5% of our reorganized common stock, on a fully diluted basis, reserved for issuance under our 2004 omnibus stock option plan. On the effective date of the Plan, each holder of our common stock will receive one share of reorganized common stock for each share of common stock held by such holder on June [], 2004.

Issuance of Stockholder Warrants on Effective Date of the Plan

If our Plan becomes effective, in addition to the shares of our reorganized common stock issued to holders of our common stock as of June [], 2004, such holders will receive on the effective date of the Plan, Stockholder Warrants to purchase 125,000,000 shares of reorganized common stock, representing approximately 83.13% of the outstanding shares of reorganized common stock on a fully diluted basis, without giving effect to (1) the exercise of Standby Purchaser Warrants and (2) the issuance of up to 5% of our reorganized common stock, on a fully diluted basis, reserved for issuance under our 2004 omnibus stock option plan. On the effective date of the Plan, each holder of our common stock will receive

such number of Stockholder Warrants that will enable such holder to retain the same percentage equity ownership it had in our company immediately prior to the effective date of the Plan, subject to reduction as set forth above. See Description of Stockholder Warrants for further information concerning the Stockholder Warrants, their issuance and the procedure for exercise, and Dilution for a discussion of the potential dilution that you may experience.

DESCRIPTION OF INDEBTEDNESS OF REORGANIZED SEITEL

The New Revolving Credit Facility

On April 16, 2004, we entered into a loan agreement with WFF, pursuant to which WFF will, subject to certain conditions, make available to us a new \$30 million senior secured revolving credit facility on the effective date of the Plan. The maximum amount available to us from time to time under the new revolving credit facility will be the lesser of (1) \$30 million or (2) the Borrowing Base, less any reserves established by WFF and undrawn amounts under issued and outstanding letters of credit, if any, issued for our account under the new revolving credit facility from time to time, the amount of which will not exceed the lesser of \$10 million or the Borrowing Base.

The Borrowing Base under the new revolving credit facility will be an amount equal to the least of:

\$30 million,

0.75 times our Cash Operating Income (defined as cash revenue, derived primarily from seismic data acquisition revenue, cash library licensing revenue and Solutions revenue, less cost of sales and SG&A, before depreciation and amortization expense for the trailing 12-month period), or

the sum of (1) 85% of eligible Short Term Accounts (defined as accounts that are not Long Term Accounts and within 90 days of invoice date), (2) 50% of eligible Long Term Accounts (defined as accounts with contracts for periods of performance from one month to 18 months, where the account debtor makes payments over the term of the contract), and (3) \$20 million.

The proceeds of the new revolving credit facility will be used solely to fund our working capital needs and other general corporate purposes, provided that prior to either (1) our receipt of the net proceeds from the combination of (x) the exercise of the Stockholder Warrants and (y) to the extent the Stockholder Warrants are not exercised, in full, before they expire on July [], 2004, our sale to the Standby Purchasers on the Guaranty Performance Date of all shares of our reorganized common stock not sold upon such exercise, or (2) delivery into escrow of an irrevocable standby letter of credit in the amount of \$75 million (or such lesser amount as would reflect our receipt of the net proceeds referred to in clause (1) above on or before the third business day after the effective date of the Plan) naming Mellon HBV as account beneficiary, the proceeds of the new revolving credit facility will be available for working capital needs and payment of claims under the Plan, other than Class 3 unsecured claims.

Any and all outstanding borrowings under the new revolving credit facility will be due in full on the maturity date, which will be three years after the effective date of the Plan, and will accrue interest at our option at an applicable margin above either:

the Prime Rate, which is the rate of interest publicly announced from time to time by Wells Fargo Bank, N.A. at its principal office in San Francisco, California, as its reference rate, base rate or prime rate, whether or not such announced rate is the best rate available from such financial institution, or

LIBOR, which is the rate per annum, determined by WFF in accordance with its customary procedures, at which dollar deposits are offered to major banks in the London interbank market, adjusted by the reserve percentage prescribed by governmental authorities as

determined by WFF.

If the average principal amount of outstanding borrowings is less than \$10 million in any month, the applicable margin will be 0% for Prime Rate-based loans and 2.75% for LIBOR-based loans; otherwise, the applicable margin will be 0.50% for Prime Rate-based loans and 3.25% for LIBOR-based loans.

During the existence of any event of default under the new revolving credit facility, amounts outstanding under the new revolving credit facility will bear interest at an annual rate equal to three percentage points above the rate of interest otherwise in effect.

The new revolving credit facility will be secured by a first priority, perfected security interest in all of our existing and future U.S. tangible and intangible assets (other than the net proceeds from the sale of the new senior notes and certain additional funds while such funds are in the escrow account described under New

Senior Notes below), including accounts receivable, general intangibles, negotiable collateral, inventory, equipment, books and records, commercial tort claims, real property, deposit accounts and any proceeds thereof, and a pledge of all of the issued and outstanding capital stock of our U.S. subsidiaries (the Collateral). Each of our U.S. subsidiaries that is not a borrower under the new revolving credit facility will deliver an unlimited, unconditional guarantee of our obligations under the new revolving credit facility. The new revolving credit facility has been authorized and approved by the bankruptcy court by entry of the confirmation order on March 18, 2004.

The new revolving credit facility contains financial and other covenants including:

minimum Cash Operating Income of \$60 million (subject to adjustment by mutual agreement) for every four consecutive fiscal quarters, and maximum capital expenditures (exclusive of non-monetary exchanges) of \$71.5 million (subject to adjustment by mutual agreement) in each fiscal year,

restrictions on the payment of dividends, and

limitations on the incurrence of indebtedness, the terms of affiliate and related party transactions, the creation of liens, the making of particular types of investments or other restricted payments, and requirements with respect to capitalization events, asset sales, mergers and consolidations.

The new revolving credit facility includes events of default similar to those under the DIP Facility. Further, a default under the new senior notes and the indenture under which the new senior notes will be issued will be an event of default under the new revolving credit facility. Changes in our ownership or control that are effected pursuant to, and as expressly contemplated by and disclosed in, the Plan, and which would otherwise be an event of default under the new revolving credit facility.

We will have the option, at any time upon 30 days prior written notice to WFF, to terminate the new revolving credit facility by paying to WFF, in cash, all outstanding amounts under the new revolving credit facility on the date of termination, including either (1) providing cash Collateral in an amount equal to 105% of the undrawn amount of any outstanding letters of credit, or (2) causing any outstanding original letters of credit to be returned by WFF.

The loan agreement provides that funding of the new revolving credit facility is subject to satisfaction of certain conditions, including among others:

the terms and conditions of the Plan are in form and substance satisfactory to WFF and (1) the confirmation order has become a final order, (2) the net proceeds from the sale of the new senior notes have been placed in escrow, together with additional cash sufficient to effect the special mandatory redemption of the notes, pending the release from escrow of such funds on the Guaranty Performance Date, (3) the registration statement, of which this prospectus is a part, is declared effective by the SEC and no stop order in respect thereof has been issued, (4) the new board of directors of Reorganized Seitel is appointed and has agreed to serve, and (5) we have on hand cash and cash equivalents of not less than \$35 million available to pay allowed creditors claims required under the Plan,

there has not occurred between September 30, 2003 and the effective date of the Plan (1) any material adverse change in our financial condition, (2) any law or regulation that prevents or prohibits WFF from funding or maintaining the new revolving credit facility or (3) any other matter that might have a material adverse effect on us, financial or otherwise,

WFF s satisfaction that it has been granted a perfected, first priority lien on the Collateral and has received UCC, tax and judgment lien searches and other appropriate evidence evidencing the absence of any other lien on the Collateral which is not a permitted lien under the terms of the loan agreement,

No default or event of default has occurred under the DIP Facility, and

WFF has received on or before the effective date of the Plan, payment in full of any and all amounts due and owing under the DIP Facility. As of May 17, 2004, there are no outstanding borrowings under the DIP Facility. On the effective date of the Plan, the DIP Facility will be terminated.

The foregoing does not purport to be a complete description of all of the terms, provisions, covenants, agreements and conditions contained in the new revolving credit facility and is qualified in its entirety by reference to the new revolving credit facility filed as an exhibit to the registration statement of which this prospectus is a part.

New Senior Notes

General

We intend to enter into a purchase agreement with certain financial institutions, under which they will agree to act as initial purchasers in connection with an institutional private placement of new senior unsecured notes pursuant to Section 4(2) of and Rule 144A and Regulation S under the Securities Act, intended to result in net cash proceeds to us of not less than \$180 million, which net proceeds will be used to partially fund payments of allowed creditors claims required under the Plan. The new senior notes will be issued by Reorganized Seitel to the initial purchasers who, in turn, will resell the new senior notes pursuant to Rule 144A under the Securities Act to qualified institutional buyers (within the meaning of Rule 144A) and pursuant to Regulation S under the Securities Act to eligible purchasers outside the United States in offshore transactions.

Our new senior notes will mature in 2012. Interest will be payable in cash, semi-annually in arrears. The new senior notes will be unsecured and will be guaranteed by all of our domestic subsidiaries on a senior basis. Subject to compliance with the terms of our debt agreements, we will be able to issue additional notes after the Release of the escrowed net proceeds from the sale of new senior notes that are identical to the new senior notes (except as to issue price).

Escrow of Proceeds

The net proceeds from the sale of new senior notes will initially be deposited into an escrow account. Such proceeds will be Released from escrow upon our receipt of gross proceeds of \$75 million from the combination of (x) the exercise of the Stockholder Warrants and (y) to the extent the Stockholder Warrants are not exercised, in full, before they expire on July [], 2004, our sale to the Standby Purchasers on the Guaranty Performance Date of all shares of our reorganized common stock not sold upon such exercise (or all conditions thereto, other than the release of such escrowed funds, have been satisfied and receipt of the net proceeds therefrom will occur simultaneously with the release of such escrowed funds). The Release must occur on or before the 75th day following the Issue Date of the new senior notes, and the Release may only occur if on the date thereof, no default or event of default is occurring under the Indenture governing the new senior notes, after giving pro forma effect to the Release.

Special Mandatory Redemption

If the Release does not occur on or before the 75th day following the Issue Date (or such earlier date as we determine that it is unlikely that we will meet the conditions to the Release), we will redeem, within 10 business days, all of the new senior notes at a redemption price equal to 101% of their principal amount plus accrued interest.

Optional Redemption

We will have the right to redeem any or all of the new senior notes, upon one or more occasions, on and after the fourth anniversary of the Issue Date, at redemption prices equal to par plus a premium equal to one-half of the interest rate on the notes during the fifth year of the new senior notes, which premium will decline ratably to zero on the sixth anniversary of the Issue Date, plus accrued and unpaid interest thereon.

Redemption with Proceeds from Equity Offerings

In addition, during the first three years after the Issue Date, using the proceeds of certain qualified equity offerings, we may redeem, upon one or more occasions, up to an aggregate of 35% of the new senior notes issued under the Indenture at a redemption price equal to par plus a premium equal to the interest rate on the new senior notes, plus accrued and unpaid interest thereon.

Change of Control Offer

If we experience certain changes of control, we will have to make an offer to repurchase all of the new senior notes at 101% of their principal amount plus accrued and unpaid interest. The holders of the new senior notes will have the right, but not the obligation, to have their new senior notes repurchased by us in such offer.

Covenants

The Indenture will contain restrictive covenants which will limit our and our subsidiaries ability to, among other things:

- (a) incur additional indebtedness,
- (b) incur indebtedness that is subordinate to any other indebtedness unless such indebtedness is expressly subordinate to the new senior notes,
- (c) make restricted payments (including repurchases of our equity interests, the making of dividend payments and the repurchase of subordinated debt),
- (d) sell assets without using the net proceeds thereof as set forth in the Indenture,
- (e) make investments in (or loans to or other payments on behalf of) entities or persons that are not restricted subsidiaries of ours,
- (f) grant liens on assets,
- (g) engage in asset sales,
- (h) enter into mergers, consolidations and sales of all or substantially all of our assets,
- (i) enter into new lines of business,
- (j) engage in affiliate transactions, and
- (k) allow our subsidiaries to grant restrictions on their ability to make distributions and dividends to us.

The above restrictions are subject to customary exceptions as set forth in the Indenture.

Events of Default

The Indenture will contain customary events of default, including failure to pay interest, principal or, if applicable, premium on the notes, failure to comply with covenants, cross-acceleration to (or failure to pay at final maturity of) debt in excess of a certain threshold, bankruptcy events, invalidity of subsidiary guarantees, and judgments against us or our subsidiaries in excess of a certain threshold. These events of default will be subject to customary exceptions as set forth in the Indenture. If an event of default occurs under the Indenture, the trustee or holders of at least 25% aggregate principal amount of the new senior notes will be able to declare all amounts owing under the new senior notes to be due and payable immediately.

We will be required to deliver to the trustee annually a statement regarding compliance with the Indenture and, upon any of our officers becoming aware of any default, a statement specifying such default and what action we are taking or propose to take with respect thereto.

The Exchange Offer

In connection with the offering of new senior notes, we will enter into a registration rights agreement with the initial purchasers which will require us and the subsidiary guarantors to use our reasonable best efforts to: (1) file a registration statement with the SEC (on Form S-4 or other appropriate registration form) providing for Securities Act registration of an offer which will remain open for acceptance for a minimum 20 business days enabling holders to surrender to us their new senior notes in exchange for registered new senior notes having identical terms in all material respects to the new senior notes (other than the transfer restrictions applicable to the new senior notes), (2) cause the registration statement to be declared effective by the SEC under the Securities Act, (3) complete the exchange offer within 180 days after the Release, and (4) in certain limited circumstances, if required, file a shelf registration statement for the resale of the new senior notes, cause it to be declared effective by the SEC under the Securities Act and maintain the effectiveness thereof for a period of two years (or such shorter period ending when all the new senior notes registered thereby are sold thereunder), if we cannot complete the registered exchange offer within the time period referred to above. If we

do not comply with these obligations, we will be required to pay additional interest to the holders of the new senior notes.

Pearlman Note

In connection with our settlement of litigation involving Seitel s former chairman of the board of directors, Herbert Pearlman, in Seitel, Inc. v. Pearlman, C.A. No. H-02-1843, we reimbursed Mr. Pearlman for certain out of pocket costs and expenses totaling \$485,000 and paid Mr. Pearlman \$1 million plus issued a note payable in a series of approximately equal payments totaling an additional \$735,000 without interest over a ten year period in respect of his former employment that was terminated in all respects. Olympic, our non-debtor, Canadian subsidiary, which is paying its debts as they become due and which does not intend to seek bankruptcy relief, is jointly liable for payments due under the Pearlman note. Under the Plan, the Pearlman note will be reaffirmed or reissued, Pearlman will be allowed to file claims, if any, that he seeks to assert and, except as amended by the Plan, with respect to certain indemnity obligations, Reorganized Seitel will perform its obligation under the settlement.

Canadian Line of Credit

On January 12, 2004, our wholly owned, Canadian, non-debtor subsidiary, Olympic Seismic Ltd., entered into a revolving credit facility with Royal Bank of Canada. The facility allows Olympic to borrow in the form of prime-based loans, bankers acceptances or letters of credit up to \$5 million (Canadian), subject to a borrowing base formula. The facility is secured by the assets of Olympic, SEIC Trust Administration Ltd. (as sole trustee of, and for and on behalf of, SEIC Business Trust) and SEIC Holdings, Ltd., but is not guaranteed by us. All intercompany debt owing by Olympic, SEIC Trust Administration Ltd., SEIC Business Trust or SEIC Holdings, Ltd. to us, SEIC Partners Limited Partnership or to any of our U.S. subsidiaries has been subordinated to the repayment in full of the revolving credit facility. The \$5 million (Canadian) maximum borrowing commitment is subject to a 75% of eligible accounts receivable borrowing base sublimit (as defined in the agreement) further reduced by prior-ranking claims, if any, relating to inventory or accounts. The facility is subject to repayment upon demand. A review of this demand facility is performed annually at the bank s discretion. As of May 25, 2004, no amounts were outstanding under this revolving line of credit and there was approximately \$2.4 million (Canadian) of borrowing availability on the line of credit. Olympic is not an obligor in respect of any of the notes, and is not a debtor under the Plan.

Other Significant Debt

During 2001 and 2002, Seitel, as lessee, entered into a lease with Winthrop Resources Corp., as lessor, for the purchase of computer and data technology center furniture and equipment. The lease had an initial term of approximately two years. On February 18, 2003, in settlement of certain non-bankruptcy litigation, Seitel and Winthrop entered into an amendment of the lease terms effective as of January 1, 2003. Under the amended obligations, on February 18, 2003, we made a one time payment of \$1,580,000, plus applicable taxes, in consideration of past due lease payments and agreed to make 33 additional monthly payments of principal and interest of \$165,000, plus applicable taxes. At the expiration of the lease term, there is an option to purchase the leased equipment, in whole but not in part, for \$810,000, less a credit of \$309,910 in respect of a cash deposit held by Winthrop. The outstanding balance on the lease as of May 25, 2004, was approximately \$3.3 million. All payments due under the restructured lease have been timely made to date. We have assumed the Winthrop lease pursuant to an order of the bankruptcy court dated December 29, 2003. The lease has been treated for accounting and financial reporting purposes as a capital lease.

On April 30, 2002, Olympic entered into a sale-leaseback agreement on a building and property situated in Calgary, Alberta, Canada. Proceeds of the sale were \$3.6 million (Canadian dollars). The proceeds were used to repay outstanding borrowings under Olympic s revolving line of credit and for general corporate purposes. This capital lease has a 20-year term, with lease payments of: \$336,000 (Canadian dollars) in years

1-5; \$370,860 (Canadian dollars) in years 6-10; \$409,500 (Canadian dollars) in years 11-15; and \$452,340 (Canadian dollars) in years 16-20. The sale-leaseback arrangement is not affected by the Plan.

USE OF PROCEEDS

We will receive aggregate gross proceeds of \$75 million, before deducting expenses of this offering payable by us, which are estimated to be approximately \$2.9 million. The entire net proceeds from this offering will be used to partially fund on the Guaranty Performance Date payments of allowed creditors claims required under the Plan.

In addition, on the Guaranty Performance Date, we will fund all remaining payments of allowed creditors claims required under the Plan utilizing a combination of (1) the net proceeds from our private placement of new senior notes, (2) cash and cash equivalents on hand (\$35 million of which will be segregated by us on the effective date of the Plan through the Guaranty Performance Date for such use, to the extent necessary), and (3) borrowings under our new revolving credit facility with WFF. Please see Description of Indebtedness of Reorganized Seitel The New Revolving Credit Facility and New Senior Notes for a discussion of the terms of the new revolving credit facility and new senior notes, as well as a discussion of the escrow of the net proceeds from our private placement of new senior notes and the conditions to the Release from escrow of such net proceeds.

Total payments to creditors required, and administrative expenses estimated, to be paid under the Plan on the Guaranty Performance Date are expected to aggregate \$304.9 million. See Management s Discussion and Analysis of Financial Condition and Results of Operations Liquidity and Capital Resources Financing Activities.

Pending the uses described above, we will invest the net proceeds from the transactions and sources described in clauses (i) and (iii) above in direct or guaranteed obligations of the United States, interest-bearing, investment-grade investments, or certificates of deposit.

Summarized below are the estimated sources and uses of funds on the Guaranty Performance Date:

Sources and Uses of Funds at Guaranty Performance Date

(\$ in millions) Sources		Uses	
Cash Required(1)	\$ 39.9	Outstanding Senior Unsecured Notes	\$ 255.0
New Senior Notes	190.0	Accrued Interest on Senior Unsecured Notes(4)	22.9
This Offering(2)	75.0	Other Secured & Unsecured Claims(5)	11.5
		Administrative Costs(6)	6.6
		Fees & Other Expenses(7)	8.9
Total Sources	\$ 304.9(3)	Total Uses	\$ 304.9

⁽¹⁾ The Plan requires that we have on hand as of the effective date of the Plan cash and cash equivalents of not less than \$35 million available to pay allowed creditors claims required under the Plan, to the extent necessary.

⁽²⁾ Includes gross proceeds from the combination of (x) the exercise of the Stockholder Warrants and (y) to the extent the Stockholder Warrants are not exercised, in full, before they expire on July [], 2004, our sale to the Standby Purchasers on the Guaranty Performance Date of all shares of our reorganized common stock not sold upon such exercise.

- (3) The amount of our net cash flow during the period between April 1, 2004 and the Guaranty Performance Date will determine whether we will be required to draw down on our new revolving credit facility to partially fund payments of allowed creditors claims required under the Plan and, if so, how much we will be required to draw down.
- (4) Includes interest accrued on outstanding senior unsecured notes through July 27, 2004.
- (5) Includes \$5.7 million of secured claims, \$5.3 million of unsecured claims and \$0.5 million of priority claims.
- (6) Includes administrative costs related to the Plan expected to be incurred from April 1, 2004 to July 27, 2004.
- (7) Includes issuance fees relating to this offering, fees related to the private placement of new senior notes, and legal and other fees expected to be incurred from April 1, 2004 to July 27, 2004.

We have retained Jefferies & Company, Inc. as our financial advisor in connection with the transactions contemplated by the Plan under the terms of an engagement letter as amended and restated on February 3, 2004, which has been approved by the bankruptcy court. Jefferies has agreed to act as exclusive dealer-manager in connection with this offering. We have agreed to pay Jefferies a fee of approximately \$1.0 million for its services as financial advisor and dealer-manager in connection with this offering. See Our Financial Advisor.

DIVIDEND POLICY

Although we have declared and paid cash dividends on our common stock in the past, we have not declared or paid any cash dividends on our common stock during our two most recent fiscal years. We do not intend to declare or pay any cash dividends on our reorganized common stock in the foreseeable future. Covenants within our new revolving credit facility and our new senior notes will restrict our ability to pay cash dividends on our capital stock. Future declaration and payment of cash dividends, if any, on our reorganized common stock will be determined in light of factors deemed relevant by our board of directors, including our earnings, operations, capital requirements and financial condition and restrictions in our financing agreements.

PRICE AND RELATED INFORMATION CONCERNING REGISTERED SHARES

Seitel Market Information

Our common stock has traded in the over-the-counter market on the OTC Bulletin Board, its primary trading market, under the symbol SEIEQ. Prior to March 17, 2003, our common stock traded on the New York Stock Exchange under the symbol SEI. Following delisting of our common stock by the NYSE on March 17, 2003 due to our inability to meet the NYSE s continued listing requirements relating to minimum share price and market capitalization, our common stock commenced trading on the OTC Bulletin Board. The following table sets forth the high and low sale prices as reported by the NYSE or the high and low bid prices as reported by the OTC Bulletin Board, as applicable, for the periods indicated. The OTC Bulletin Board quotations reflect inter-dealer prices, without retail mark-up, mark-down or commission, and may not represent actual transactions.

	High	Low
2002		
1st Quarter	\$ 14.08	\$ 8.20
2nd Quarter	\$ 11.00	\$ 1.00
3rd Quarter	\$ 1.01	\$ 0.37
4th Quarter	\$ 0.88	\$ 0.49
2003		
1st Quarter	\$ 0.68	\$ 0.20
2nd Quarter	\$ 0.47	\$ 0.16
3rd Quarter	\$ 0.36	\$ 0.22
4th Quarter	\$ 2.08	\$ 0.29
2004		
1st Quarter	\$ 4.85	\$ 2.21
2nd Quarter (through June 1, 2004)	\$ 4.20	\$ 3.19

On June 1, 2004, the closing bid price of our common stock on the OTC Bulletin Board was \$3.65

As of May 25, 2004, there were 812 stockholders of record and 25,375,683 shares of our common stock outstanding.

Our common stock is currently listed under the symbol OSL on the Toronto Stock Exchange (TSE), which is not a principal securities market for our common stock. We have approximately 25 beneficial owners resident in Canada, including approximately 15 beneficial owners resident in Ontario, and our common stock is infrequently traded on the TSE. We are currently implementing the requisite procedures to effect the delisting of our common stock from the TSE, and to terminate registration with the Ontario Securities Commission.

Reorganized Seitel Market Information

We do not intend at this time to make any application to list our reorganized common stock or the Stockholder Warrants for trading on any national securities exchange or U.S. inter-dealer quotation system. When they are issued, the Stockholder Warrants will be transferable until they expire on July [__], 2004. Broker-dealers who currently make a market in our common stock will be required to apply to the OTC Bulletin Board to initiate quotations in our reorganized common stock. We have notified our current market makers to request the OTC Bulletin Board allow them to initiate quotations in our reorganized common stock as of the effective date of the Plan. We will cooperate with any registered broker-dealer who may seek to initiate price quotations for our reorganized common stock and/or the Stockholder Warrants on the OTC Bulletin Board. See Risk Factors We do not intend at this time to apply to list our reorganized common stock or the Stockholder Warrants on any national securities exchange or U.S. inter-dealer quotation system. Our reorganized common stock and the Stockholder Warrants may trade infrequently and at unpredictable levels in the over-the-counter market resulting in a potential lack of liquidity of your stock.

CAPITALIZATION

The following table sets forth our historical and pro forma consolidated debt and capitalization at March 31, 2004, as adjusted to give effect to the transactions contemplated by the Plan, which provides for:

the payment in full in cash of approximately \$283.2 million (as of March 31, 2004) of our outstanding allowed pre-petition claims, together with post-petition (non-default rate) interest thereon, except for disputed claims and claims that are reinstated under the Plan (see The Plan of Reorganization Treatment of Pre-Petition Claims),

the cancellation of 25,375,683 outstanding shares of our common stock in exchange for 25,375,683 shares of our reorganized common stock and Stockholder Warrants to purchase an aggregate of 125,000,000 shares of reorganized common stock,

the sale of all shares of reorganized common stock not purchased upon the exercise of the Stockholder Warrants and the issuance of the Standby Purchaser Warrants, in each case to the Standby Purchasers on the Guaranty Performance Date,

our private placement of new senior notes and the application of the net proceeds therefrom to partially fund on the Guaranty Performance Date payments of allowed creditors claims required by the Plan (see Description of Indebtedness of Reorganized Seitel New Senior Notes), and

the availability to us of a revolving loan commitment of \$30 million, subject to borrowing base limitations, under our new revolving credit facility with WFF (see Description of Indebtedness of Reorganized Seitel The New Revolving Credit Facility).

This information should be read in conjunction with Selected Historical Consolidated Financial Data, Unaudited Pro Forma Consolidated Financial Data and Management s Discussion and Analysis of Financial Conditions and Results of Operations, as well as our audited and unaudited consolidated financial statements and their accompanying notes, all of which are included elsewhere in this prospectus.

	March	31, 2004
	Historical	Pro Forma
	(in the	ousands)
h and cash equivalents	\$ 48,588	\$ 16,768(1)
including lease obligations:		
tor-in-possession loan facility	\$	\$
revolving credit facility (2)		
ner term loan	5,417	
er long-term debt	438	438
d senior unsecured notes	255,000	
w senior unsecured notes		190,000
ototal	260,855	190,438
pital lease obligations	6,267	6,267
al debt	267,122	196,705

Table of Contents

Stockholders equity	2,041	70,612(1)
Total capitalization	\$ 269,163	\$ 267,317

(1) The amount of pro forma cash and cash equivalents and stockholders equity as of March 31, 2004 is presented herein solely for illustrative purposes and is not indicative of cash and cash equivalents, if any, or of the amount of stockholders equity which may exist immediately following and giving effect to payment on the Guaranty Performance Date of all allowed creditors claims required under the Plan, and such amounts necessarily are subject to material uncertainty and change depending on actual operating cash flows received and cash expenditures incurred between March 31, 2004 and the Guaranty Performance Date.

(2) Revolving loan commitment of \$30 million, subject to borrowing base limitations (see Description of Indebtedness of Reorganized Seitel The New Revolving Credit Facility).

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DILUTION

On the effective date of the Plan, all 25,375,683 outstanding shares of our common stock will be cancelled and, without any action on the part of the holders of these shares, such shares will be converted into the right to receive and be exchanged for:

25,375,683 shares of our reorganized common stock, representing all of the issued and outstanding shares of our reorganized common stock on the effective date of the Plan, without giving effect to (1) the exercise of the Stockholder Warrants and, to the extent the Stockholder Warrants are not exercised, in full, before they expire on July [], 2004, our sale to the Standby Purchasers on the Guaranty Performance Date of all shares of our reorganized common stock not sold upon such exercise, (2) the exercise of Standby Purchaser Warrants and (3) the issuance of up to 5% of our reorganized common stock, on a fully diluted basis, reserved for issuance under our 2004 omnibus stock option plan, and

Stockholder Warrants to purchase 125,000,000 shares of reorganized common stock, representing approximately 83.13% of the outstanding shares of reorganized common stock on a fully diluted basis, without giving effect to (1) the exercise of Standby Purchaser Warrants and (2) the issuance of up to 5% of our reorganized common stock, on a fully diluted basis, reserved for issuance under our 2004 omnibus stock option plan.

On the effective date of the Plan, each holder of record of our common stock as of June [], 2004 will receive, in exchange for each share owned, one share of our reorganized common stock and one Stockholder Warrant to purchase 4.926 shares of reorganized common stock, at an exercise price of 60 cents per share. If exercised, in full, the number of Stockholder Warrants which each individual stockholder will receive will enable it to retain the same percentage equity ownership in our company it had immediately prior to the effective date of the Plan, subject to dilution as described above. Accordingly, for a holder of our reorganized common stock to retain the same percentage equity ownership it had immediately prior to the effective date of the Plan, it will need to exercise all of its Stockholder Warrants in full.

If you do not exercise your Stockholder Warrants in full, your relative percentage equity ownership in Reorganized Seitel will be diluted up to 83.13% as a result of the issuance by Reorganized Seitel of an additional 125,000,000 shares of reorganized common stock upon the combination of (x) the exercise of the Stockholder Warrants and (y) to the extent the Stockholder Warrants are not exercised, in full, before they expire on July [], 2004, our sale to the Standby Purchasers on the Guaranty Performance Date of all shares of our reorganized common stock not sold upon such exercise. If you exercise some, but not all of your Stockholder Warrants, your relative percentage ownership of our reorganized common stock will be diluted directly in proportion to the extent you do not exercise your Stockholder Warrants in full. In addition, your percentage equity ownership may be diluted in excess of 84% if you do not exercise any of your Stockholder Warrants and the Standby Purchasers elect to exercise in full their Standby Purchaser Warrants, which entitle the Standby Purchasers to purchase over a seven-year period up to 15,037,568 additional shares of reorganized common stock, at an exercise price of 72 cents per share. Your relative percentage equity ownership will be even further diluted (i.e., in aggregate in excess of 85%) upon our issuance of up to an additional 8,270,662 shares of reorganized common stock, representing approximately 5% of our fully diluted shares of reorganized common stock, reserved for issuance under our 2004 omnibus stock option plan.

SELECTED HISTORICAL CONSOLIDATED FINANCIAL DATA

The following sets forth our selected historical consolidated financial data as of and for the years ended December 31, 1999, 2000, 2001, 2002 and 2003, and as of and for the three months ended March 31, 2003 and 2004.

Our consolidated balance sheets after March 31, 2004 and our consolidated statements of operations for the periods after March 31, 2004 will not be comparable to our historical consolidated financial statements published before the effective date of the Plan and included elsewhere in this prospectus. Among other things, our consolidated statement of operations for future periods will include numerous adjustments required by the Plan, including reductions in interest expense and substantially less professional expenses related to our reorganization proceedings.

The consolidated balance sheet data and the consolidated statement of operations data presented below as of December 31, 2000, 2001, 2002 and 2003, and for each of the years in the four-year period ended December 31, 2003, have been derived from our consolidated financial statements, which have been audited by Ernst & Young LLP, independent auditors. The auditors report issued by Ernst & Young LLP with respect to their audit of our financial statements for the years ended December 31, 2003 and 2002 included an explanatory paragraph relating to our ability to continue as a going concern. The consolidated balance sheet data and the consolidated statement of operations data presented below as of and for the year ended December 31, 1999 have been derived from our consolidated financial statements that were audited by Arthur Andersen LLP, independent public accountants. Those financial statements have since been restated to account for our oil and gas business as discontinued operations. As Arthur Andersen LLP has ceased operations, the adjustments necessary to apply discontinued operations treatment have not been audited. The consolidated balance sheet data and the consolidated statement of operations data presented below as of and for the three-month periods ended March 31, 2003 and 2004, respectively, are unaudited. However, we believe that this information contains all adjustments, consisting only of normal recurring adjustments, which are necessary to present fairly our consolidated statement of operations data for the three-month period ended March 31, 2004 presented below, are not necessarily indicative of the results that may be expected for the fiscal year. Certain reclassifications have been made to the amounts in the prior years financial statements to conform to the current year s presentation.

All of the information presented below should be read in conjunction with the information in the sections in this prospectus titled Unaudited Pro Forma Consolidated Financial Data and Management s Discussion and Analysis of Financial Condition and Results of Operations, as well as our audited and unaudited consolidated financial statements and their accompanying notes, all of which are included elsewhere in this prospectus.

Selected Historical Consolidated Financial Data

						Three	Months
		Ended March 31,					
	1999	2000	2001	2002	2003	2003	2004
						(unaudited)	(unaudited)
Statement of Operations Data:							
(In thousands)	¢ 100 (71	¢ 112 007	¢ 115 020	¢ 140.705	¢ 121 465	¢ 20.224	¢ 41.064
Revenue Expenses and Costs:	\$ 109,671	\$ 113,887	\$ 115,238	\$ 149,795	\$ 131,465	\$ 30,324	\$ 41,264
Depreciation and amortization	49,929	51,927	49,448	129,856	82,638	18,075	24,083
Cost of sales	295	738	1,196	928	815	18,075	24,083
Selling, general and administrative	295	35,086	34,805	71,732	29,678	8,893	8,539
Impairment of seismic data library	20,190	55,080	54,805	82,964	29,078	0,095	0,559
impairment of seisinic data norary				82,904	29,939		
	76,414	87,751	85,449	285,480	143,090	27,122	32,696
	70,414	87,751	65,449	285,480	143,090	27,122	52,090
	22.057	26.126	20 700	(125 (95)	(11 (25)	2,202	0.5(0
Income (loss) from operations	33,257	26,136	29,789	(135,685)	(11,625)	3,202	8,568
Interest expense and other, net Loss on sale of marketable securities	(11,504)	(12,389)	(13,461)	(20,856)	(19,950)	(5,078)	(4,948)
Gain on extinguishment of liabilities				(332)	681		
Reorganization items					(5,984)		(4,147)
Equity in earnings (loss) of affiliate	(91)				(3,984)		(4,147)
Impairment due to dividend distribution of	(91)						
affiliate stock	(7,794)						
	(1,121)						
Income (loss) from continuing operations							
before income taxes and cumulative effect of							
changes in accounting principles	13,868	13,747	16,328	(156,873)	(36,878)	(1,876)	(527)
Provision (benefit) for income taxes	6,211	5,639	6,748	(18,304)	2,199	35	706
Trovision (benefit) for meonie taxes	0,211	5,057	0,710	(10,501)	2,177		
Income (loss) from continuing operations							
before cumulative effect of changes in	7 (57	0 100	0.590	(129.5(0))	(20.077)	(1.011)	(1.022)
accounting principles Income (loss) from discontinued operations,	7,657	8,108	9,580	(138,569)	(39,077)	(1,911)	(1,233)
net of tax	1,723	3,602	(24,573)	(62,709)	1,139	(237)	35
Cumulative effect of changes in accounting	1,725	5,002	(24,373)	(02,709)	1,139	(237)	55
principles, net of tax		(14,219)		(11,162)			
principies, net of tax		(14,21))		(11,102)			
Natinggeme (loss) (1)	\$ 9,380	¢ (2,500)	\$ (14,993)	\$ (212,440)	¢ (27.029)	\$ (2,148)	¢ (1.109)
Net income (loss) (1)	\$ 9,380	\$ (2,509)	\$ (14,995)	\$ (212,440)	\$ (37,938)	\$ (2,148)	\$ (1,198)
Earnings (loss) per share:							
Basic:	*			*		+	
Income (loss) from continuing operations	\$.32	\$.34	\$.38	\$ (5.48)	\$ (1.54)	\$ (.07)	\$ (.05)
Income (loss) from discontinued operations	.07	.15	(.98)	(2.48)	.04	(.01)	
Cumulative effect of accounting changes		(.59)		(.44)			
Net income (loss)	\$.39	\$ (.10)	\$ (.60)	\$ (8.40)	\$ (1.50)	\$ (.08)	\$ (.05)

Selected Historical Consolidated Financial Data

	Year Ended December 31,							Ended March 31,					
1	999	20	000	20	001		2002		2003	2	003		2004
										(una	udited)	(un	audited)
\$.32	\$.34	\$.37	\$	(5.48)	\$	· /	\$	(.07)	\$	(.05)
	.07		.15		(.95)		(2.48)		.04		(.01)		
			(.59)				(.44)						
						-		-					
\$.39	\$	(.10)	\$	(.58)	\$	(8.40)	\$	(1.50)	\$	(.08)	\$	(.05)
-		-		-		_		-		-		-	
2	23,863	2	3,909	2	4,986		25,300		25,376	2	25,376		25,376
-	24,063	2	4,090	2	5,692		25,300		25,376	2	25,376		25,376
\$ ´	76,664	\$8	6,808	\$6	3,842	\$	19,968	\$	89,536	\$ 1	18,909	\$	28,153
	75,301	7	8,063	7	9,237		76,803		95,669	2	21,277		28,504
							,		,		,		,
(60,564	6	9,534	3	0,767		21,716		80,314	1	2,366		29,538
(12	29,466)	(5	7,553)	(7	9,565)	(49,358)		(48,668)	(1	1,488)		(25,955)
	76,530	(1	2,207)	6	1,255		(2,630)		(5,646)		(2,166)		(708)
	6.7		7.0		4.7		1.0		4.5		3.7		5.7
	6.5		6.3		5.9		3.7		4.8		4.2		5.8
	2.9		2.3		3.8		12.5		2.5		na		na
	2.9		2.5		3.1		3.3		2.3		na		na
	47.5%		43.6%		50.0%		87.1%		98.4%		87.4%		99.1%
	\$.07 \$.39 23,863 24,063 \$76,664 75,301 60,564 (129,466) 76,530 6.7 6.5 2.9 2.9 2.9	\$.32 \$.07 \$.39 \$.39 \$ 23,863 24,063 2 \$ 76,664 \$ 8 75,301 7 60,564 6 (129,466) (5 76,530 (1 6.7 6.5 2.9 2.9 2.9	$\begin{array}{ c c c c c c c }\hline 1999 & 2000 \\ \hline & 1999 & 2000 \\ \hline & & 15 \\ & .07 & .15 \\ & (.59) \\ \hline & & & \\ & & & \\ \hline \hline & & & \\ \hline \hline \\ \hline & & & \\ \hline \hline & & & \\ \hline \hline \\ \hline \hline & & & \\ \hline \hline \hline \\ \hline \hline \\ \hline \hline \hline \\ \hline \hline \hline \\ \hline \hline \hline \hline \hline \\ \hline \hline \hline \hline \hline \hline \\ \hline \hline$	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	$\begin{array}{c c c c c c c c c c c c c c c c c c c $

In the second quarter of 2002, we changed our accounting policy for amortizing our created seismic data library from the income forecast method to the greater of the income forecast method or the straight-line method over the data s useful life and reported the adoption of the new method as a cumulative effect of a change in accounting principle retroactive to January 1, 2002. Pro forma net income (loss) for the years ended December 31, 1999, 2000 and 2001, assuming the new seismic data amortization policy had been applied retroactively in each period, was as follows (in thousands, except per share amounts):

	Year Ended December 31,		
	1999	2000	2001
Income from continuing operations before cumulative effect of changes in accounting principles Income from continuing operations before cumulative effect of changes in accounting principles per share:	\$ 4,119	\$ 3,765	\$ 5,178
Basic	\$.17	\$.16	\$.21
Diluted	.17	.16	.20

Three Months

Net income (loss)	\$ 5,842	\$ (6,852)	\$ (19,395)	
Net income (loss) per share:				
Basic	\$.24	\$ (.29)	\$ (.78)	
Diluted	.24	(.28)	(.75)	

5	1
5	I

		As of December 31,					As of March 31,		
	1999	2000	2001	2002	2003	2003	2004		
						(unaudited)	(unaudited)		
Balance Sheet Data:									
(in thousands, except per share amounts)									
Cash and cash equivalents	\$ 5,188	\$ 10,216	\$ 25,223	\$ 21,517	\$ 44,362	\$ 18,769	\$ 48,588		
Seismic data library, net	329,885	362,603	455,845	284,396	247,541	286,552	253,874		
Total assets	555,919	599,131	661,469	398,136	367,089	392,325	373,115		
Total debt(6)	225,223	206,598	268,350	272,061	267,434	270,102	267,122		
Stockholders equity	243,024	253,590	243,587	37,036	3,722	36,221	2,041		
Book value per common share outstanding	\$ 10.30	\$ 10.28	\$ 9.71	\$ 1.46	\$.15	\$ 1.43	\$.08		
Common shares outstanding	23,605	24,671	25,075	25,376	25,376	25,376	25,376		

(1) In the fourth quarter of 2002, we reevaluated our estimate of the useful life of our seismic data library and reduced the estimated useful life of offshore data from ten to five years and onshore data from ten to seven years. The effect from this change on reported results was a reduction in net income of \$58.8 million or \$2.32 per share for the year ended December 31, 2002.

- (2) Cash operating income is defined as cash revenue (derived primarily from seismic data acquisition revenue, cash library licensing revenue, and Solutions revenue) less cost of sales and SG&A. Cash operating income is a non-GAAP financial measure which should not be construed, however, as an alternative to operating income (loss) (as determined in accordance with GAAP) as an indication of our operating performance, or to cash flow from operating activities (as determined in accordance with GAAP) as a measure of liquidity. Included in cash operating income are a number of special items that are not necessarily indicative of our core operations or our future prospects, and impact comparability between years. Cash operating income for the year ended December 31, 2000 included a restructuring charge of \$4.4 million related to reduction of management incentive bonus compensation. Cash operating income for the year ended December 31, 2002 included \$1.3 for charges related to former executives. Cash operating income for the year ended December 31, 2002 included \$28.5 million of costs and expenses related to our restructuring efforts, various litigation, severance costs, the acceleration of certain lease obligations, allowances for doubtful accounts and certain other accruals. Cash operating income for the year ended March 31, 2003 included \$2.8 million of costs and expenses related to our restructuring efforts, bankruptcy proceedings and various litigation, not of reduction in litigation accruals. Cash operating income for the three months ended March 31, 2004 included \$0.7 million of costs and expenses related to various litigation. Cash operating income for the three months ended March 31, 2004 included \$0.7 million of costs and expenses related to various litigation. Cash operating income for the three months ended March 31, 2004 included \$0.7 million of costs and expenses related to various litigation and severance costs. We believe that cash operating income is a useful measure in evaluating our performance
- (3) EBITDA is defined as earnings from continuing operations before income taxes (benefit), interest expense, net, impairment of seismic data, and depreciation and amortization. EBITDA is a non-GAAP financial measure, which should not be construed as an alternative to operating income (loss) (as determined in accordance with GAAP) as an indicator of our operating performance or to cash flows from operating activities (as determined in accordance with GAAP) as a measure of liquidity. Our method of calculating EBITDA may differ from methods used by other companies and, as a result, EBITDA measures disclosed herein might not be comparable to other similarly titled measures used by other companies. Included in earnings (loss) and EBITDA are a number of special items that are not necessarily indicative of our core operations or our future prospects, and impact comparability between years. EBITDA for the year ended December 31, 1999 included \$7.8 million related to impairment due to dividend distribution of affiliate stock. EBITDA for the year ended December 31, 2000 included a restructuring charge of \$4.4 million related to reduction of management incentive bonus compensation. EBITDA for the year ended December 31, 2001 included \$1.3 million for charges related to former executives. EBITDA for the year ended December 31, 2002 included \$28.5 million of costs and expenses related to our restructuring efforts, various litigation, severance costs, the acceleration of certain lease obligations, allowances for doubtful accounts and certain other accruals. EBITDA for the year ended December 31, 2003 included \$11.4 million of costs and expenses related to our restructuring efforts, bankruptcy proceedings and various litigation, net of reduction in litigation accruals. EBITDA for the three months ended March 31, 2003 included \$2.8 million of costs and expenses related to our restructuring efforts and various litigation. EBITDA for the three months ended March 31, 2004 included \$4.8 million of costs and expenses related to our restructuring efforts, bankruptcy proceedings, various litigation and severance costs. We believe that, in addition to cash flows from operating activities and net earnings (loss), EBITDA is a useful financial performance measurement for assessing operating performance since it provides an additional basis to evaluate our ability to incur and service debt and to fund capital expenditures. To evaluate EBITDA, the components of EBITDA such as revenue and SG&A and the variability of such components over time also should be considered.

The following table reconciles our cash operating income to EBITDA and EBITDA to income (loss) from continuing operations determined in accordance with GAAP (in thousands):

						Three	Months
		Year		Ended March 31,			
	1999	2000	2001	2002	2003	2003	2004
					+	(unaudited)	(unaudited)
Cash operating income	\$ 76,664	\$ 86,808	\$ 63,842	\$ 19,968	\$ 89,536	\$ 18,909	\$ 28,153
Add (subtract) other revenue components not included in cash operating income:							
Acquisition underwriting from non-monetary exchanges					624		1,812
Non-monetary exchanges	6,522	12,435	57,045	13,551	10,630	3,109	3,080
Deferral of revenue		(44,324)	(89,764)	(38,366)	(51,421)	(12,372)	(14,355)
Selections of data		23,144	48,114	81,982	51,603	11,631	13,961
Less:							
Equity in earnings (loss) of affiliate	(91)						
Impairment due to dividend distribution of affiliate							
stock	(7,794)						
Loss on sale of marketable securities				(332)			
Gain on extinguishment of liabilities					681		
Reorganization items					(5,984)		(4,147)
EBITDA	75,301	78,063	79,237	76,803	95,669	21,277	28,504
		·					. <u></u>
Less:							
Interest expense, net	(11,504)	(12,389)	(13,461)	(20,856)	(19,950)	(5,078)	(4,948)
Taxes	(6,211)	(5,639)	(6,748)	18,304	(2,199)	(35)	(706)
Impairment of seismic data library				(82,964)	(29,959)		
Depreciation and amortization	(49,929)	(51,927)	(49,448)	(129,856)	(82,638)	(18,075)	(24,083)
Income (loss) from continuing operations before							
cumulative effect of changes in accounting principles	\$ 7,657	\$ 8,108	\$ 9,580	\$ (138,569)	\$ (39,077)	\$ (1,911)	\$ (1,233)
		_	_				_

(4) Cash flows used in investing activities for the year ended December 31, 1999 included significant additions to our 3D offshore data library and purchase of a large seismic data library located in Canada. Cash flows used in investing activities for the year ended December 31, 2001 included \$18.5 million related to the purchase of seismic data libraries located in the Gulf Coast Texas and Canada areas.

(5) Net debt reflects total debt less cash and cash equivalents.

(6) Total debt includes capital lease obligations.

UNAUDITED PRO FORMA CONSOLIDATED FINANCIAL DATA

The following unaudited pro forma consolidated financial data was prepared to illustrate the estimated effects of the Plan and related financings and the application of the proceeds thereof. The unaudited pro forma consolidated balance sheet assumes the Plan and the related financings and the application of the proceeds thereof took place on March 31, 2004, and the unaudited pro forma consolidated statements of income assume the Plan and related financings and the application of the proceeds thereof took place on March 31, 2004, and the unaudited pro forma consolidated statements of income assume the Plan and related financings and the application of the proceeds thereof took place on January 1, 2003.

The unaudited pro forma consolidated financial data do not purport to be indicative of the financial position that would actually have been reported had such transactions in fact been consummated on such dates or of the financial position that may be reported by Reorganized Seitel in the future. The unaudited pro forma adjustments are based upon available information and certain assumptions that we believe are reasonable. The unaudited pro forma consolidated financial data do not include the effects of the fresh start accounting provisions of AICPA Statement of Position 90-7, Financial Reporting by Entities in Reorganization under the Bankruptcy Code, because the criteria for fresh start reporting are not expected to be met. All of the information presented below should be read in conjunction with the information in the sections in this prospectus entitled Selected Historical Consolidated Financial Data including the notes thereto and Management s Discussion and Analysis of Financial Condition and Results of Operations, as well as our audited and unaudited consolidated financial statements and their accompanying notes, all of which are included elsewhere in this prospectus.

Unaudited Pro Forma Consolidated Balance Sheet

As of March 31, 2004

(In thousands)

		Pro Forma	D	
	Historical	Adjustments	Pro Forma	
ASSETS				
Cash and equivalents	\$ 48,588	\$ 72,277 (A)	\$ 16,768	
	\$ 10,000	183,375 (B)	φ 10,700	
		(237)(C)		
		(4,000)(D)		
		(283,235)(E)		
Restricted cash	161		161	
Receivables				
Trade	36,399		36,399	
Notes and other	11,308		11,308	
Net seismic data library	253,874		253,874	
Net property and equipment	14,091		14,091	
Prepaid expenses, deferred charges and other assets	8,118	(871)(A)	13,989	
		6,625 (B)		
		237 (C)		
		(120)(F)		
Investment in marketable securities	32		32	
Oil and gas operations held for sale	544		544	
TOTAL ASSETS	\$ 373,115	\$ (25,949)	\$ 347,166	
	+	+ (,, .,)	+ • • • • • • • •	
LIABILITIES AND STOCKHOLDERS EQUITY				
Liabilities not subject to compromises:				
Accounts payable and accrued liabilities	\$ 20,679	\$ (660)(A)	\$ 18,692	
		(625)(D)		
		(702)(E)		
Oil and gas operations held for sale	13		13	
Notes payable	5,417	(5,417)(E)		
Obligations under capital leases	6,267		6,267	
Notes offered hereby		190,000 (B)	190,000	
Deferred income taxes	2,509		2,509	
Deferred revenue	58,635		58,635	
Liabilities subject to compromise	277,554	(277,116)(E)	438	
TOTAL LIABILITIES	371,074	(94,520)	276,554	
STOCKHOLDERS EQUITY				
Common stock	258	1,250 (A)	1,508	
Additional paid in-capital	166,630	65,443 (A)	232,073	
Retained deficit	(160,929)	(3,375)(D)	(164,424)	
	((120)(F)	()	
Treasury stock	(5,373)	5,373 (A)		
Notes receivable from employees	(89)	X /	(89)	
Accumulated other comprehensive income	1,544		1,544	
L	7-		,	

TOTAL STOCKHOLDERS EQUITY	2,041	68,571	70,612
TOTAL LIABILITIES AND STOCKHOLDERS EQUITY	\$ 373,115	\$ (25,949)	\$ 347,166

Unaudited Pro Forma Consolidated Income Statement

For the Three Months Ended March 31, 2004

(In thousands, except per share amounts)

		Pro Forma	Pro
	Historical	Adjustments	Forma
Revenue	\$ 41,264	\$	\$ 41,264
Costs and Expenses			
Depreciation and amortization	24,083		24,083
Cost of sales	74		74
Selling, general and administrative expenses	8,539		8,539
	32,696		32,696
Income from operations	8,568		8,568
Interest expense, net	(4,948)	4,861 (AA)	(5,086)
		(4,957)(BB)	
		(42)(CC)	
Reorganization items	(4,147)		(4,147)
Loss from continuing operations before income taxes	(527)	(138)	(665)
Provision for income taxes	706		706
Loss from continuing operations	\$ (1,233)	\$ (138)(EE)	\$ (1,371)
Basic and diluted loss from continuing operations per share	\$ (.05)		\$ (.01)
Weighted average number of common and common equivalent			
shares basic and diluted	25,376	125,000 (DD)	150,376
		· · · ·	

Unaudited Pro Forma Consolidated Income Statement

For the Three Months Ended March 31, 2003

(In thousands, except per share amounts)

	Historical	Pro Forma Adjustments	Pro Forma
Revenue	\$ 30,324	\$	\$ 30,324
Costs and Expenses	φ 50,521	Ψ	φ 50,521
Depreciation and amortization	18.075		18,075
Cost of sales	154		154
Selling, general and administrative expenses	8,893		8,893
6, 6,			
	27,122		27,122
Income from operations	3,202		3,202
Interest expense, net	(5,078)	4,928 (AA)	(5,149)
		(4,957)(BB)	
		(42)(CC)	
	·		
Loss from continuing operations before income taxes	(1,876)	(71)	(1,947)
Provision for income taxes	35		35
	······		
Loss from continuing operations	\$ (1,911)	\$ (71)(EE)	\$ (1,982)
Basic and diluted loss from continuing operations per share	\$ (.07)		\$ (.01)
Weighted average number of common and common equivalent shares basic			
and diluted	25,376	125,000 (DD)	150,376

Unaudited Pro Forma Consolidated Income Statement

For the Year Ended December 31, 2003

(In thousands, except per share amounts)

	Historical	Pro Forma Adjustments	Pro Forma
Revenue	\$ 131,465	\$	\$ 131,465
Costs and Expenses			
Depreciation and amortization	82,638		82,638
Cost of sales	815		815
Selling, general and administrative expenses	29,678		29,678
Impairment of seismic data library	29,959		29,959
	143,090		143,090
Loss from operations	(11,625)		(11,625)
Interest expense, net	(19,950)	19,512 (AA) (19,828)(BB)	(20,433)
		(167)(CC)	
Gain on extinguishment of liabilities	681		681
Reorganization items	(5,984)		(5,984)
Loss from continuing operations before income taxes	(36,878)	(483)	(37,361)
Provision for income taxes	2,199		2,199
Loss from continuing operations	\$ (39,077)	\$ (483)(EE)	\$ (39,560)
Basic and diluted loss from continuing operations per share	\$ (1.54)		\$ (.26)
Weighted average number of common and common equivalent			
shares basic and diluted	25,376	125,000 (DD)	150,376

Notes to Unaudited Pro Forma Consolidated Financial Data

Basis of Presentation

The accompanying unaudited pro forma consolidated financial statements are based on adjustments to our historical consolidated financial statements to give effect to the Plan, the related financings and the application of the proceeds thereof. In our financial statements as of and for the three months ended March 31, 2004 and 2003 and for the year ended December 31, 2003, we reported our former oil and gas operations as a discontinued operation under SFAS No. 144. Pursuant to the SEC s rules and regulations regarding the preparation of pro forma financial statements, the accompanying unaudited pro forma consolidated statements of income do not include the income (loss) from discontinued operations related to our former oil and gas operations.

Certain information and notes normally included in financial statements prepared in accordance with U.S. GAAP have been omitted or condensed pursuant to the rules and regulations of the SEC. All of the information presented below should be read in conjunction with the information in the sections in this prospectus entitled Selected Historical Consolidated Financial Data and Management s Discussion and Analysis of Financial Condition and Results of Operations, as well as our audited and unaudited consolidated financial statements and their accompanying notes, all of which are included elsewhere in this prospectus.

Pro Forma Adjustments

The following is a summary of pro forma adjustments:

Unaudited Pro Forma Consolidated Balance Sheet as of March 31, 2004

(A) Reflects the sale of 125,000,000 shares of our reorganized common stock, \$.01 par value, from the combination of (x) the exercise of the Stockholder Warrants at an exercise price of 60 cents per share and (y) to the extent the Stockholder Warrants are not exercised, in full, before they expire on July [], 2004, our sale to the Standby Purchasers on the Guaranty Performance Date, at 60 cents per share, of all shares of our reorganized common stock not sold upon such exercise, net of estimated offering costs totaling \$2.9 million to be paid by us. Of the estimated offering costs, \$0.9 million had been incurred as of March 31, 2004, of which \$0.2 million had been paid, and \$2.2 million was estimated to be incurred after March 31, 2004. Also reflects retirement of treasury stock.

Under the terms of the Plan, the Standby Purchasers will receive on the Guaranty Performance Date Standby Purchaser Warrants to purchase up to 15,037,568 shares of reorganized common stock. The fair value of these Standby Purchaser Warrants would be reflected as an equal increase and decrease to additional paid-in capital.

(B) Reflects private placement of new senior notes totaling \$190 million in aggregate principal amount, net of estimated debt issuance costs of \$6.6 million.

- (C) Reflects payment of \$500,000 of estimated costs associated with obtaining our new revolving credit facility providing a revolving loan commitment of \$30 million, subject to borrowing base limitations, with a 3-year term, of which costs \$0.3 million had been paid at March 31, 2004 and an estimated \$0.2 million remained to be paid at March 31, 2004.
- (D) Reflects payment of financial advisor fees totaling \$4.0 million that are required to be paid upon completion of the Plan, of which \$0.6 million had been expensed as of March 31, 2004. No tax benefit was recorded for this adjustment as a full valuation allowance was established at March 31, 2004.
- (E) Reflects payment of (a) the outstanding principal of Harney Secured Claim of \$5.4 million and related interest of \$181,000, (b) the outstanding principal of our existing senior unsecured notes of \$255 million and related interest of \$16.9 million, (c) priority tax claims of \$521,000 and (d) all other allowed unsecured claims in accordance with the Plan of \$5.2 million. Amounts remaining in liabilities subject to compromise

consist of a note payable to Mr. Pearlman of \$438,000 which is reinstated in accordance with the Plan.

(F) Reflects write-off of the remaining deferred issuance costs associated with (a) note payable to Harney Investment Trust of \$4,000 and (b) DIP Facility with WFF of \$116,000.

Unaudited Pro Forma Consolidated Income Statement for the Three Months Ended March 31, 2004

- (AA) Reflects elimination of interest expense and amortization of deferred issuance costs associated with (a) \$255 million of our existing senior unsecured notes (\$4.7 million), (b) \$5.4 million note payable to Harney Investment Trust (\$56,000), and (c) DIP Facility with WFF (\$116,000).
- (BB) Reflects interest expense associated with \$190 million aggregate principal amount of new senior notes assuming eight-year notes with a 10% interest rate and amortization of estimated deferred issuance costs of \$6.6 million.
- (CC) Reflects amortization of estimated deferred issuance costs of \$500,000 associated with our new revolving credit facility, with a 3-year term.
- (DD) Reflects the sale of 125,000,000 shares of reorganized common stock from the combination of (x) the exercise of the Stockholder Warrants at an exercise price of 60 cents per share and (y) to the extent the Stockholder Warrants are not exercised, in full, before they expire on July [], 2004, our sale to the Standby Purchasers on the Guaranty Performance Date, at 60 cents per share, of all shares of our reorganized common stock not sold upon such exercise. The Standby Purchaser Warrants to be issued to the Standby Purchasers on the Guaranty Performance Date are not considered in the diluted share calculation as the effect of the issuance would be antidilutive.
- (EE) Does not include adjustments related to the payment of financial advisor fees totaling \$4.0 million that are required to be paid upon completion of the Plan.

Unaudited Pro Forma Consolidated Income Statement for the Three Months Ended March 31, 2003

- (AA) Reflects elimination of interest expense and amortization of deferred issuance costs associated with (a) \$255 million of our existing senior unsecured notes (\$4.9 million) and (b) \$5.4 million note payable to Harney Investment Trust (\$71,000).
- (BB) Reflects interest expense associated with \$190 million aggregate principal amount of new senior notes assuming eight-year notes with a 10% interest rate and amortization of estimated deferred issuance costs of \$6.6 million.
- (CC) Reflects amortization of estimated deferred issuance costs of \$500,000 associated with our new revolving credit facility, with a 3-year term.
- (DD) Reflects the sale of 125,000,000 shares of reorganized common stock from the combination of (x) the exercise of the Stockholder Warrants at an exercise price of 60 cents per share and (y) to the extent the Stockholder Warrants are not exercised, in full, before they expire on July [], 2004, our sale to the Standby Purchasers on the Guaranty Performance Date, at 60 cents per share, of all shares of our reorganized common stock not sold upon such exercise. The Standby Purchaser Warrants to be issued to the Standby Purchasers on the Guaranty Performance Date are not considered in the diluted share calculation as the effect of the issuance would be antidilutive.

(EE) Does not include adjustments related to the payment of financial advisor fees totaling \$4.0 million that are required to be paid upon completion of the Plan.

Unaudited Pro Forma Consolidated Income Statement for the Year Ended December 31, 2003

(AA) Reflects elimination of interest expense and amortization of deferred issuance costs associated with (a) \$255 million of our existing senior unsecured notes (\$19.1 million), (b) \$5.4 million note payable to Harney Investment Trust (\$251,000), and (c) DIP Facility with WFF (\$200,000).

- (BB) Reflects interest expense associated with \$190 million aggregate principal amount of new senior notes assuming eight-year notes with a 10% interest rate and amortization of estimated deferred issuance costs of \$6.6 million.
- (CC) Reflects amortization of estimated deferred issuance costs of \$500,000 associated with our new revolving credit facility, with a 3-year term.
- (DD) Reflects the sale of 125,000,000 shares of reorganized common stock from the combination of (x) the exercise of the Stockholder Warrants at an exercise price of 60 cents per share and (y) to the extent the Stockholder Warrants are not exercised, in full, before they expire on July [], 2004, our sale to the Standby Purchasers on the Guaranty Performance Date, at 60 cents per share, of all shares of our reorganized common stock not sold upon such exercise. The Standby Purchaser Warrants to be issued to the Standby Purchasers on the Guaranty Performance Date are not considered in the diluted share calculation as the effect of the issuance would be antidilutive.
- (EE) Does not include adjustments related to the payment of financial advisor fees totaling \$4.0 million that are required to be paid upon completion of the Plan.

MANAGEMENT S DISCUSSION AND ANALYSIS OF

FINANCIAL CONDITION AND RESULTS OF OPERATIONS

You should read the following discussion in conjunction with the Selected Historical Consolidated Financial Data and Unaudited Pro Forma Consolidated Financial Data sections of this prospectus, as well as our audited and unaudited consolidated financial statements and their accompanying notes, all of which are included elsewhere in this prospectus.

The following Management s Discussion and Analysis of Financial Condition and Results of Operations has been prepared by our management in accordance with the rules and regulations of the SEC, as well as the SEC s December 2003 interpretive guidance regarding Management s Discussion and Analysis of Financial Condition and Results of Operations in Release Nos. 33-8350, 34-48960 and FR-72.

Overview

We have ownership in an extensive library of onshore and offshore seismic data that we offer for license to oil and gas companies. We believe that our library of onshore seismic data is one of the largest available for licensing in the United States and Canada. We also have ownership in a library of offshore data covering parts of the U.S. Gulf of Mexico shelf and certain deep water areas in the western and central U.S. Gulf of Mexico. We generate revenue primarily by licensing data from our data library and from new data acquisition substantially underwritten or paid for by clients. Our primary areas of focus are onshore U.S. and Canada and, to a lesser extent, offshore U.S. Gulf of Mexico.

Oil and gas companies consider seismic data an essential tool for finding hydrocarbons. Oil and gas companies use seismic data in oil and gas exploration and development efforts to increase the probability of drilling success. By utilizing seismic data, oil and gas companies can significantly increase drilling success rates and reduce the occurrence of dry holes. Further, seismic data analysis can increase recoveries of reserves from existing, mature oil fields by optimizing the drilling location of development wells and by revealing additional, or step-out, locations that would not otherwise be apparent. By participating in pre-funded, nonexclusive surveys or purchasing licenses to existing data, oil and gas companies can obtain access to expensive surveys that they may not otherwise be able to afford.

Demand for our products and services is cyclical due to the nature of the energy industry. In particular, demand for our seismic data services depends on the level of exploration and development activity within the markets we serve and is subject to significant volatility for a variety of reasons, including the price of oil and gas and the level of capital available to our primary clients for exploration and development activities.

The North American markets we serve continue to experience major changes. The major international oil companies are increasing their focus on exploration opportunities outside the U.S., with independent oil and gas companies responsible for the majority of current U.S. drilling activity. Production decline rates are accelerating worldwide and are the most pronounced in mature fields of North America. Commodity prices for oil and natural gas are at high levels and the demand for natural gas in the U.S. could exceed supply during the next two to three years unless new production is brought on line in the U.S. and Canada. Liquid natural gas imports, while growing, cannot make up the forecasted shortfall in the supply of natural gas in the U.S. in the near term.

While the industry is experiencing these market changes, we have taken steps to eliminate non-core business activities, improve our capital discipline, and reduce operating costs. As a result, our cost structure is now aligned with our current level of business and we believe we are well positioned for the future.

Since we filed bankruptcy in mid 2003, we have not experienced a material loss of customers or reduction in revenue. Despite the potential for volatility inherent in seismic data library sales, our cash resales have remained relatively consistent quarter-to-quarter ranging from \$18.2 million to \$22.2 million since the second quarter of 2002. Currently, barring unforeseen or unanticipated circumstances, we believe that cash resales will continue at

these levels for the remainder of 2004. Although a few customers exhibited reluctance to execute long-term contracts for new data acquisition with us while in bankruptcy, we have been able to continue the growth of our library with attractive projects and under terms beneficial to us. We have found that this reluctance was short-lived, and the level of acquisition activity has strengthened during this period. The uncertainty surrounding our financial stability arising out of our chapter 11 filing caused certain customers to question whether their rights to select data might be compromised and resulted in such customers accelerating selections of data. This is evidenced by the increase of selections of data in the third quarter of 2003. This concern, too, was short-lived and the level of selections has returned to a more normal level in the last two quarters. The cost reduction measures implemented by us over the last 18 months have been successful in reducing our recurring/normal selling, general and administrative expenses. However, costs and expenses associated with our restructuring efforts and bankruptcy have been significant. Once we emerge from bankruptcy, such fees and expense will be substantially reduced. Additionally, after the Guaranty Performance Date, the principal amount of our indebtedness will be reduced. However, our annual interest expense will be higher than it was prior to the effective date of the Plan and our total annual debt service requirements will continue to be substantial.

While there will likely be continued variability in revenues from one quarter to the next, due to seasonal factors as well as overall industry uncertainty, we are optimistic that our core businesses will see a modest improvement over 2003 and that margins will improve.

Recent Developments

In connection with its post-audit review procedures with respect to the registration statement of which this prospectus is a part, Ernst & Young LLP (Ernst & Young), Seitel s independent auditors, advised the Audit Committee and management of an item that Ernst & Young considered to be a reportable condition and material weakness in Seitel s internal controls under standards established by the American Institute of Certified Public Accountants. Ernst & Young reported that during the first quarter of 2004, AICPA Statement of Position No. 90-7, Financial Reporting by Entities in Reorganization Under the Bankruptcy Code, required an adjustment of \$1 million of deferred issue costs in respect of Seitel s \$255 million outstanding principal amount of senior unsecured notes. Specifically, Seitel concluded and Ernst & Young concurred that such deferred issue costs should have been accelerated and expensed at the time the senior notes became a claim allowed by the bankruptcy court on March 30, 2004. Additionally, certain pre-petition claims totaling \$426,000 which Seitel disputes and that are not probable of resulting in allowed claims should have been correspondingly reduced at March 31, 2004. Seitel has amended its Form 10-Q for the quarter ended March 31, 2004 to reflect these adjustments. The requirement to adjust the financial statements for the quarter ended March 31, 2004 was viewed by Ernst & Young as requiring the issuance of a Report on Reportable Conditions and therefore classified, with respect solely to that issue, as a material weakness in Seitel s internal controls. Seitel believes it has implemented appropriate procedures to address any such weakness that existed in the past.

Principal Factors Affecting Our Business

Our business is dependent upon a variety of factors, many of which are beyond our control. The following are those that we consider to be principal factors affecting our business.

Demand for Seismic Data. Our seismic business depends upon exploration, production, development and field management spending by oil and gas companies. Capital expenditures by oil and gas companies depend upon several factors, including actual and forecasted petroleum commodity prices and the companies own short-term and strategic plans. These capital expenditures may also be affected by worldwide economic conditions. Demand for our seismic data is more likely to be influenced by natural gas prices rather than crude oil prices due to the geographic location of our seismic data.

Availability of Capital for Our Customers. Many of our customers consist of independent oil and gas companies and private prospect-generating companies that rely primarily on private equity capital to fund their exploration, production, development and field management activities. Significant changes in the private equity

market and the availability of private equity capital could have a material impact on the ability of such companies to obtain funding necessary to purchase our seismic data.

Merger and Acquisition Activity. In recent years, there has been an increase in the level of merger and acquisition activity within our client base. This activity could have a negative impact on seismic companies that operate in markets with a limited number of participating clients. However, we believe that, over time, this activity could have a positive impact on our business, as it could generate a re-licensing fee, result in increased vitality in the trading of mineral interests and result in the creation of new independent customers through the rationalization of staff within those companies affected by this activity.

Natural Gas Reserve Replacement. Oil and gas reserves are currently being depleted at a rate estimated by industry analysts at 5% to 10% per year. As a result, there is an increasing need in the oil and gas industry to replace such reserves. The need for oil and gas companies to replace depleted reserves is expected to increase the demand for our seismic data.

Government Regulation. Our operations are subject to a variety of federal, provincial, state, foreign and local laws and regulations, including environmental laws. We invest financial and managerial resources to comply with these laws and related permit requirements. Existing laws or regulations and the adoption of new laws or regulations limiting or increasing exploration or production activities by oil and gas companies may have a material effect on our business operations.

Non-GAAP Key Performance Measures Considered by Management and Reconciliation to GAAP

Management considers a variety of performance measures in evaluating our financial condition and operating performance at various times and from time to time. Certain of these performance measures are non-GAAP financial measures. Generally, a non-GAAP financial measure is a numerical measure of a company s performance, financial position or cash flows that either excludes or includes amounts that are not normally excluded or included in the most directly comparable measure calculated and presented in accordance with United States generally accepted accounting principles, or GAAP. These non-GAAP measures are not in accordance with, nor are they a substitute for, GAAP measures. Management uses the non-GAAP measures presented to evaluate and manage our operations internally. These non-GAAP measures are intended to supplement our presentation of our financial results that are prepared in accordance with GAAP.

The following are the key performance measures considered by management.

Cash Resales. Cash resales result from invoicing customers for purchases of licenses to data from our library. We expect cash resales to generally follow a consistent trend from quarter to quarter while considering our normal seasonality. The volatility in this trend could indicate changing market conditions. Cash resales for the three months ended March 31, 2004 and 2003 were \$18.2 million and \$18.3 million, respectively, and for the years ended December 31, 2003, 2002 and 2001 were \$79.8 million, \$66.2 million and \$72.0 million, respectively. The following is a quantitative reconciliation of this non-GAAP financial measure to the most directly comparable GAAP financial measure, total revenue (in thousands):

Three Months

Year Ended December 31,

	Marc	March 31,			
	2004	2003	2003	2002	2001
Cash resales	\$ 18,229	\$ 18,295	\$ 79,776	\$ 66,231	\$ 71,989
Other revenue components:					
Acquisition revenue	19,173	8,491	36,201	23,549	25,778
Non-monetary exchanges	3,080	3,109	10,630	13,551	57,045
Deferral of revenue	(14,355)	(12,372)	(51,421)	(38,366)	(89,764)
Selections of data	13,961	11,631	51,603	81,982	48,114
Solutions and other	1,176	1,170	4,676	2,848	2,076
Total revenue, as reported	\$ 41,264	\$ 30,324	\$ 131,465	\$ 149,795	\$ 115,238

Cash Operating Income. We define cash operating income as cash revenue (derived primarily from seismic data acquisitions, cash licensing resales and Solutions) less cost of sales and SG&A. We believe that this measure is helpful in determining the level of cash flow we have available for debt service, funding of capital expenditures and payment of taxes. Cash operating income for the three months ended March 31, 2004 and 2003 was \$28.2 million and \$18.9 million, respectively, and for the years ended December 31, 2003, 2002 and 2001 was \$89.5 million, \$20.0 million and \$63.8 million, respectively. The following is a quantitative reconciliation of this non-GAAP financial measure to the most directly comparable GAAP financial measure, operating income (in thousands):

	Three Months							
	Ended							
	March 31,		Year Ended December 31,					
	2004	2003	2003	2002	2001			
Cash operating income	\$ 28,153	\$ 18,909	\$ 89,536	\$ 19,968	\$ 63,842			
Add (subtract) other revenue components not included in cash								
operating income:			(0)					
Acquisition underwriting from non-monetary exchanges	1,812		624					
Non-monetary exchanges	3,080	3,109	10,630	13,551	57,045			
Deferral of revenue	(14,355)	(12,372)	(51,421)	(38,366)	(89,764)			
Selections of data	13,961	11,631	51,603	81,982	48,114			
Less:								
Depreciation and amortization	(24,083)	(18,075)	(82,638)	(129,856)	(49,448)			
Impairment of seismic data library			(29,959)	(82,964)				
Operating income (loss), as reported	\$ 8,568	\$ 3,202	\$ (11,625)	\$ (135,685)	\$ 29,789			

Growth of Our Seismic Data Library. We regularly add to our seismic data library through four different methods: (1) recording new data; (2) creating new value-added products from existing data within our library; (3) buying ownership of existing data for cash; and (4) obtaining ownership of existing data sets through non-monetary exchanges. For the year-to-date period to May 25, 2004, and for the years ended December 31, 2003, 2002 and 2001, we completed the addition of approximately 1,200 square miles, 1,800 square miles, 3,700 square miles and 6,900 square miles, respectively, of seismic data to our library. The large number of additions to our seismic data library in 2001 resulted from the high level of non-monetary exchanges we completed during that year. As of May 25, 2004, we had approximately 400 square miles of seismic data in progress.

Income (Loss) from Continuing Operations Before Cumulative Effect of Change in Accounting Principle. Income (loss) from continuing operations before cumulative effect of change in accounting principle was \$(1.2) million and \$(1.9) million for the three months ended March 31, 2004 and 2003, respectively, and \$(39.1) million, \$(138.6) million and \$9.6 million for the years ended December 31, 2003, 2002 and 2001, respectively. Our results for each of the periods have been affected by a number of special items that are not necessarily indicative of our core operations or our future prospects, and impact comparability between years. The loss from continuing operations for the three months ended March 31, 2004 included \$4.8 million of costs and expenses related to our restructuring efforts, bankruptcy proceedings, various litigation and severance costs. The loss from continuing operations for the three months ended March 31, 2003 included \$4.4 million in charges related to our restructuring efforts and various litigation. The loss from continuing operations in 2003 included \$41.4 million in charges composed of (i) \$30.0 million related to impairments of our seismic data library and (ii) \$11.4 million of costs and expenses related to our restructuring efforts, bankruptcy proceedings and various litigation, net of reduction in litigation accruals. The loss from continuing operations before cumulative effect of change in accounting principle in 2002 included \$157.2 million in charges composed of (i) \$128.7 million related to impairments of our seismic data library and (ii) \$28.5 million of costs and expenses related to our restructuring efforts, bankruptcy proceedings in accounting principle in 2002 included \$157.2 million in charges composed of (i) \$28.5 million of costs and expenses related to our restructuring efforts, various

litigation, severance costs, the acceleration of certain lease obligations, allowances for doubtful accounts and certain other accruals. The income from continuing operations for 2001 included \$1.3 million for charges related to former executives.

Critical Accounting Policies

We operate in one business segment, which is made up of seismic data acquisition, seismic data licensing, seismic data processing and seismic reproduction services.

Revenue Recognition

Revenue From Data Acquisition

Revenue from the creation of new seismic data is recognized using the proportional performance method based upon costs incurred and work performed to date as a percentage of total estimated costs and work required. Management believes that this method is the most reliable and representative measure of progress for its data creation projects. The duration of most data creation projects is generally less than one year. Under these projects, we create new seismic data designed in conjunction with our customers and specifically suited to the geology of the area using the most appropriate technology available. The contracts typically result in one or more customers underwriting a significant portion of the direct creation costs in exchange for a license or licenses to use the resulting data. Customers make periodic payments throughout the creation period, which generally correspond to costs incurred and work performed. These payments are non-refundable. We outsource the substantial majority of the work required to complete data acquisition projects to third-party contractors. Our payments to these third party contractors comprise the substantial majority of the total estimated costs of the project and are paid throughout the creation period. The creation process generally occurs in the following stages: permitting, surveying, drilling, recording and processing. The stages of this work often occur concurrently. Throughout the creation period, the customers receive legally enforceable rights and access to, and the benefits of, the results of all work performed. The customers also receive access to and use of the newly acquired and processed data. The customers may have exclusive access to the work performed and exclusive use of the newly acquired and processed data for a limited term, which is generally nine months or less, after final delivery of the processed data. The customers access to and use of the results of the work performed and of the newly acquired, processed data is governed by a license agreement, which is a separate agreement from the acquisition contract. Our acquisition contracts require the customer either to have a license agreement in place or to execute one at the time the acquisition contract is signed. We maintain sole ownership of the newly acquired data, which is added to our library, and we are free to license the data to other customers when the original customers exclusivity period ends.

Revenue From Data Licenses

We license data from our seismic data library to customers to review for a limited period of time or to hold long-term.

The usage of all data delivered to the customer, whether for review only or to hold long-term, is governed by a license agreement, which is a separate agreement from the sales contract. Our contracts require the customer either to have a license agreement in place or to execute one at the time the contract is signed. The license agreement governs all data delivered to the customer during the term. Payment terms under the contracts vary from 30 days to 18 months depending on the size of the transaction. All payments due are non-cancelable and all payments made are non-refundable. The customer has access to all available data covered by the contracts on the date the contract is executed. If the contract

allows licensing of data that is not currently available, revenue is deferred until such time that the data is available for licensing. The contracts permit selection of the data in its present form, and we are under no obligation to make any enhancements, modifications or additions to the data unless specific terms to the contrary are included, in which case revenue with respect to such data would be deferred until performance is accomplished. Copies of the data are available to the customer immediately upon request.

We recognize revenue from licensing of seismic data when we have contracted with the customer for a fixed sales price, a licensing agreement is in place, the customer has selected specific data under the terms of the contract or the contract has expired without full selection having occurred, and collectibility of the sales price is reasonably assured. We recognize revenue for the particular data selected as each specific selection of data is made by the customer. If selections are not completed by the expiration date of the contract, we then recognize any remaining revenue under that contract. In each case (selection or expiration), the earnings process is complete. We do not recognize revenue for amounts billed in advance of being earned until the aforementioned criteria are met. For revenue that is deferred, we defer the direct costs (primarily commissions) related to the revenues. Revenue from licensing of seismic data is presented net of revenue shared with other entities.

Our revenue recognition policies provide that certain types of licensing agreements result in the revenue being deferred until such time that our customer selects the specific data for license. As a result, our revenue may fluctuate depending on the size and amount of contracts requiring deferral of revenue, as well as on the timing of the selection of data by our customers.

Revenue From Non-Monetary Data Exchanges

In certain cases, we grant our customer a non-exclusive license to selected data from our library in exchange for ownership of seismic data from the customer. Occasionally, in connection with specific data acquisition contracts, we receive both cash and ownership of seismic data from the customer as consideration for the underwriting of new data acquisition. The data that we receive is distinct from the data that we are licensing to the customer. Because we receive ownership of distinct seismic data to be added to our library, and this data may be relicensed by us on a continuing basis, in exchange for a data license, the exchange is not a like-kind exchange, which would be accounted for at historical cost. Once data selection or creation is completed, the exchange represents the culmination of the earnings process with the customer and is not merely an exchange between two seismic companies. These exchanges are referred to as non-monetary data exchanges.

In non-monetary data exchange transactions, we record a data library asset for the seismic data acquired at the time the contract is entered into and recognize revenue on the transaction in accordance with our policy on revenue from data licenses, that is, when the data is selected by the customer, or revenue from data acquisition, as applicable. These transactions are valued at the fair value of the data received or delivered, whichever is more readily determinable.

We determine fair value of data exchanged by first determining the value of the license granted to the customer. We do so by evaluating the range of our cash transactions for licenses of similar data during the prior six months for licenses in the United States and for the prior twelve months for licenses in Canada. In evaluating the range of cash transactions, we do not consider transactions that are disproportionately high or low. We then consider the value of the data received from the customer. In determining the value of the data received, we consider the age, quality, current demand and future marketability of the data, as well as the cost that would be required to create the data. In the United States, we apply a limitation on the value we assign per square mile on the data exchanged. In Canada, in the event of a difference greater than 2% between the value of the license granted and the value of the data received, we assign the lower value to the exchange. In significant exchanges (\$500,000 or more), we obtain concurrence from an independent third party in order to support our valuation of the data received. We obtain this concurrence on an annual basis, usually in connection with the preparation of our annual financial statements.

Revenue From Our Seitel Solutions, Ltd. and Seitel Solutions Canada Ltd. Subsidiaries

Revenue from our Seitel Solutions, Ltd. and Seitel Solutions Canada Ltd. subsidiaries (collectively, Solutions) are recognized as the services for reproduction and delivery of seismic data are provided to customers.

Seismic Data Library

Costs associated with creating, acquiring or purchasing the seismic data library are capitalized and such costs are amortized principally on the income forecast method subject to a straight-line amortization period of seven years for onshore data and five years for offshore data applied on a quarterly basis at the individual survey level.

Costs of Seismic Data Library

For purchased seismic data, we capitalize the purchase price of the acquired data.

For data acquired through a non-monetary data exchange, we capitalize an amount equal to the fair value of the data we received or the fair value of the license granted to the customer, whichever is more readily determinable. In the case of any single non-monetary exchange where the fair value recorded is in excess of \$500,000, we also obtain concurrence from a third party to support our valuation.

For internally created data, the capitalized costs include costs paid to third parties for the acquisition of data and related permitting, surveying and other activities associated with the data creation activity. In addition, we capitalize certain internal costs related to processing the created data. Such costs include salaries and benefits of our processing personnel and certain other costs incurred for the benefit of the processing activity. We believe that the internal processing costs capitalized are not greater than, and generally are less than, those that would be incurred and capitalized if such activity were performed by a third party.

Data Library Amortization

Effective January 1, 2002 (see Change in Accounting Principle below) we amortize our seismic data library using the greater of the amortization that would result from the application of the income forecast method or a straight-line basis over the useful life of the data. Due to the subjectivity inherent in the income forecast amortization method, the revised amortization policy ensures a minimum level of amortization will be recorded if sales of the specific data do not occur as expected and ensures that costs are fully amortized at the end of the data s useful life.

We apply the income forecast method by forecasting the ultimate revenue expected to be derived from a particular data library component over the estimated useful life of each survey comprising part of such component. This forecast is made by us annually and reviewed quarterly. If, during any such review, we determine that the ultimate revenue for a library component is expected to be significantly different than the original estimate of total revenue for such library component, we revise the amortization rate attributable to future revenue from each survey in such component. In addition, in connection with such reviews and updates, we evaluate the recoverability of our seismic data library, and if required under Statement of Financial Accounting Standard, or SFAS, No. 144, Accounting for the Impairment and Disposal of Long-Lived Assets, record an impairment charge with respect to such data. See discussion on Seismic Data Library Impairment below.

The actual rate of amortization depends on the specific seismic surveys licensed and selected by our customers during the year. The amortization rates vary by component and, effective January 1, 2004, range from a low of 47% to a high of 100% with a weighted average rate of 56% based

on the net book value of each component compared with the net book value of the entire seismic data library as of such date. The actual rate of amortization recorded in any period varies from the weighted average rate due to the application of straight-line amortization on a survey-by-survey basis, as well as the mix of revenue recognized by component.

The greater of the income forecast or straight-line amortization policy is applied quarterly on a cumulative basis at the individual survey level. Under this policy, we first record amortization using the income forecast

method. The cumulative amortization recorded for each survey is then compared with the cumulative straight-line amortization. If the cumulative straight-line amortization would be higher for any specific survey, additional amortization expense is recorded, resulting in accumulated amortization being equal to the cumulative straight-line amortization for such survey. This requirement is applied regardless of future-year revenue estimates for the library segment of which the survey is a part and does not consider the existence of deferred revenue with respect to the library segment or to any survey. As discussed below in Revision of Useful Life of Data Library, we revised our useful life estimate in the fourth quarter of 2002 from ten years to five years with respect to offshore data and from ten years to seven years with respect to onshore data.

Change in Accounting Principle

In the second quarter of 2002, we changed our accounting policy for amortizing our created seismic data library from the income forecast method or the straight-line method over the useful life of the data and reported the adoption of the new method as a cumulative effect of a change in accounting principle retroactive to January 1, 2002. Accordingly, we recorded a pre-tax charge of \$17.2 million (after-tax charge of \$11.2 million) as of January 1, 2002.

Revision of Useful Life

In the fourth quarter of 2002, we reevaluated our estimate of the useful life of our seismic data library and revised the estimated useful life of our seismic data library to reduce the useful life of offshore data from ten to five years and onshore data from ten to seven years. In making this decision, we considered a number of factors, including, among others, the impairment charges we reported in 2002, the additional amortization charges we recorded during the first three quarters of 2002 pursuant to our amortization policy and seismic industry conditions. With respect to each survey in the data library, the useful life policy is applied from the time such survey is available for licensing to customers generally, since some data in the library may not be licensed until an exc